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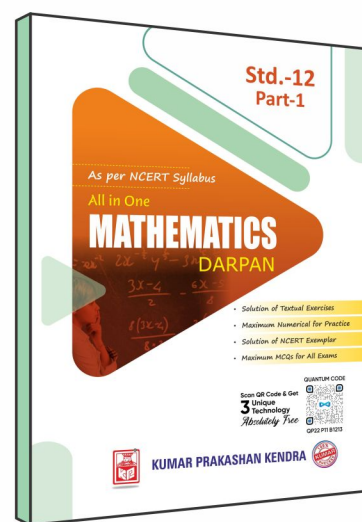
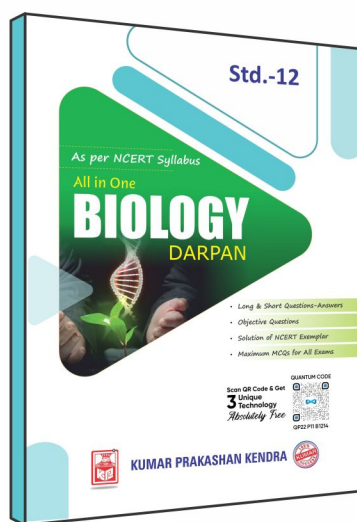
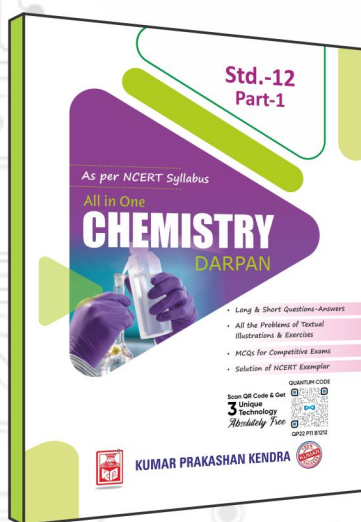
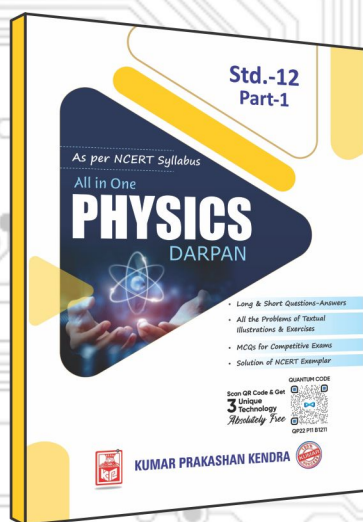
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Introduction

Dear Friends,

This section will offer discussion of head and body, two main tags of HTML. Firstly, we shall discuss meta tags and their different features. Really, meta-tags do not indicate anything. But through them the writer provides information about key-words and other details related to pages. This type of information is really useful for search-engine and other utility programmes. Thereafter, we shall study HTML body section and other details of tags to be used with it. Moreover, in web page background pictures, background colours, color of writing changing of link colours. Along with that font tags and their features, physical and logical aspects of letters' format will be studied. Then the method of adding signs as well comments will be analyzed. Finally, two model web-pages will be made to give you practise. In brief, by the end of this chapter you will yourself be able to make fine and detailed web pages using head and body tags.

Outline of the Chapter

- 2.1 Sections of HTML Documents
- 2.2 Title of HTML Document
- 2.3 Meta tags and their Features
- 2.4 Comments
- 2.5 Examples of Meta tags
- 2.6 <Body> Section
- 2.7 Background Image
- 2.8 Background Color
- 2.9 Text Color
- 2.10 Link Color
- 2.11 Horizontal Line
- 2.12 Formatting Characters
- 2.13 Font Tag
- 2.14 Special Characters
- 2.15 Example of Making Web Page -1
- 2.16 Example of Making Web Page-2
- 2.17 Different Tags and Their Uses

2.1 Sections of HTML Documents

- HTML document is divided in two sections : (1) Head Section (2) Body Section
- (1) Head Section :
 - ⇒ Head section provides necessary basic information about the document.
 - ⇒ Information is added to it about the pages, for example title of the page and its description.

- ⇒ The text of Head section is written between the tags <head> and </head>.
- ⇒ Tags <head> and </head> and the writing between them is called head element.
- ⇒ The important thing first to be included in a document is head tag.
- (2) Body Section :
 - ⇒ The details added in it are such as can be viewed through browser.

- ⇒ The writing of body is placed in tag <body> and </body>.
- ⇒ The writing between <body> and </body> is called Body element.

2.2 Title of HTML Document

- To show title of a web page <title> is used. It is written between <head> and </head>.
- The heading shown with the help of <title> is not shown as a part of webpage writing. It is shown only as heading of the browser window.
- If in the 'head' segment title is not shown, it will show path or file name URL (Universal Resource Locators.)
- Here always remember to begin title tag with <title> and end it with </title>, otherwise the whole text is treated as title and HTML document may not be brought to windows browser.

2.3 Meta Tags and their Features

- In HTML document and writing some additional information is given in Head segment.
- Tags giving additional information are called meta-tag.
- Generally, Meta -tags are used to store more information about browser and search engine.
- The additional and appropriate meta-tags describe the nature of search engine and make it effective to search web page through search engine.
- Meta-tags are written in HTML document in <head> and </head> segment.
- When meta tags are used in HTML documents, the following characteristics of it are described.

(1) Description :

- ⇒ When the majority of the search engines show result of search to the user, it contains different types of descriptions.
- ⇒ The absence of this kind of description shows search engine only some of the opening words.
- ⇒ Here is an example of meta-tag description :

<meta name="DESCRIPTION" content="About rainbow and its colors">

(2) Key Words :

- ⇒ Search engine uses key-words.

- ⇒ Key-words are as names of features, objective of page and other important points.
- ⇒ Here is an example of key-words features :

<meta name="KEYWORDS" content="Rainbow, VIBGYOR">

(3) Maker or Writer :

- ⇒ Author meta-tag is used to convey information about its maker or writer.
- ⇒ Here is an example of the author of meta-tag:

<meta name="AUTHOR" content="Tejas Thakkar">

2.4 Comments

- Reactions well articulated are comments.
- To give additional information HTML code, comments are used.
- Use of comment is not for conveying information on web page.
- For placing comments <! is there, whereas → shows end of tag comment.
- Comment is also known prologue.
- An example of comment is as under:

<!-- This is a comment...>

```

1 <-html>
2
3
4 <head>
5 <meta name="description" content="About rainbow and its colors">
6 <meta name="keywords" content="Rainbow, VIBGYOR">
7 <meta name="author" content="Tejas Thakkar">
8 <!-- This is a comment -->
9 </head>
10 <body>
11
12
13 <p>
14 <h1>
15 | Nothing will be printed but this line...
16 </h1>
17 </p>
18 </body>
19
20 </html>
    
```

Figure 2.1 : Use of head section showing meta element and comments.



Figure 2.2 : Result of HTML code

2.5 Examples of Meta-tags

- Meta tags are used going to web page and to bring some URL or reject appearance of some page.
- At an interval of every ten seconds web page can be brought back or refreshed and for that the following code is written :

```
<meta http-equiv="REFRESH" content="10">
```
- To determine all the concerned and authentic URL and use <base> to determine them. For doing this The following kind of is used:

```
<head>
  <base href="http://tejasthakkar.com/">
</head>
```
- The head elements of HTML document and their uses as under :

No.	attribute	Use
(1)	<head>	It shows information about the document.
(2)	<title>	It shows title of the document.
(3)	<base>	It determines a common address or destination for all the links of the web-page.
(4)	<link>	It defines the relationship between document and external tool.
(5)	<meta>	It determines the meta tags of HTML document.
(6)	<script>	It defines the script towards client.
(7)	<style>	It defines style of document and pattern of information.

2.6 <Body> Section

- In body segment, details which can be seen through browser are added.
- The body of HTML document is placed between <body> and </body> tags.
- HTML body acts as storage of matter to be stored in browser.
- In body segment tags regarding paragraphs and writing are included.
- Generally, some kind of writing is necessary between <body> and </body> tags.
- The writings not needing any writing between them are called Empty tags.
-
 or </br> are examples of empty tag.

Exam oriented 'Darpan' MCQs

- ❖ Choose appropriate options from given below :
- 1) In how many segments HTML document is divided ?
 (A) 2 (B) 3 (C) 4 (D) 5
 - 2) In which of the following segments is HTML document divided ?
 (A) Head, Title (B) Head, Html
 (C) Head, Body (D) Head, Meta
 - 3) Which segment of HTML provides information necessary for it ?
 (A) Html (B) Head
 (C) Body (D) Title
 - 4) Which writing of head segment is written within which tags ?
 (A) <head> ... </head>
 (B) <head> ... <!head>
 (C) <head> ... <\head>
 (D) <head> ... <%head>
 - 5) How is the writing between <head> and </head> known ?
 (A) Head tagging (B) Head part
 (C) Head element (D) Head masking
 - 6) Which is the first matter that can be included in head segment ?
 (A) Color (B) Title
 (C) Background (D) Font
 - 7) HTML title tag shown will be written as webpage writing. Select proper option for this statement.
 (A) This is a correct statement
 (B) This is an incorrect statement
 (C) Nothing can be said about this statement
 (D) None of these
 - 8) Which of the following tag's result is shown as title of window browser ?
 (A) <title> (B) <head>
 (C) <h1> (D) <heading>
 - 9) If head segment has no title, what is shown as majority of browser title ?
 (A) URL Path (B) File Name
 (C) Name of computer
 (D) (A) or (B)

- 10) What is full form of URL?
 (A) Unified Resource Locator
 (B) Uniform Resource Locator
 (C) Unzip Resource Locator
 (D) Unformed Resource Locator
- 11) What happens if it is forgotten to attach the end of <title> tag ?
 (A) Whole document will be taken to be title
 (B) HTML document cannot be brought into browser window
 (C) HTML document is not shown
 (D) Both (A) and (B)
- 12) What type of information comes in Head segment ?
 (A) Heading
 (B) HTML document
 (C) Some additional Information about writing
 (D) All of these
- 13) How is the tag giving additional information in HTML known ?
 (A) Meta-tag (B) Mega-tag
 (C) Master tag (D) Main tag
- 14) Which tag is employed store information concerning what ?
 (A) Browser (B) Search engine
 (C) Both (A) and (B) (D) None of these
- 15) What does addition of appropriate and fitting meta-tags describe ?
 (A) Identity of webpage
 (B) Nature of webpage
 (C) Speciality of webpage
 (D) Defects in webpage
- 16) What makes the job of searching webpage easier by search engine ?
 (A) Heading tag (B) Title tag
 (C) Link tag (D) Meta tag
- 17) In what segment of HTML is meta-tag written ?
 (A) Head (B) Body
 (C) Title (D) Any of the given
- 18) When meta tag is used in HTML, then what matter does it describe ?
 (A) Description (B) Key words
 (C) Information of writer of creator
 (D) Any one of these
- 19) What do majority of search engines present to user as result of search ?
 (A) Information of writer of creator
 (B) Description
 (C) Key words (D) All of these
- 20) If in the result is not present, in the absence search result, what does it show ?
 (A) A few words of the beginning
 (B) A few words of the end
 (C) Some words of both beginning and end
 (D) All of these
- 21) Which attribute is used for describing meta-tag ?
 (A) Information (B) Explanation
 (C) Description (D) Report
- 22) Which of the following words are used by search engine ?
 (A) Main words (B) Key words
 (C) Attribute words (D) Informative words
- 23) Which of the following can be presented as key words ?
 (A) Names of important attributes
 (B) Objective of Web page
 (C) Important points
 (D) All of these
- 24) As what can names of important attributes, web page objects and important points be presented ?
 (A) Keyword (B) Webword
 (C) Masterword (D) Pointword
- 25) What attribute do key meta-tags use ?
 (A) Masterwords (B) Textwords
 (C) Keywords (D) Basewords
- 26) Which of the following attribute gives information about its creator or writer ?
 (A) Writer (B) Author
 (C) Creator (D) Person
- 27) What is comment ?
 (A) Comments (B) Commerce
 (C) Compute (D) Common
- 28) What provides the chance of giving additional information ?
 (A) Meta-tag (B) Heading
 (C) Base (D) Comments

- 29) Comments are not for presentation. Select proper option for this statement.
 (A) This statement is correct
 (B) This statement is an incorrect
 (C) Nothing can be said about this statement
 (D) None of these
- 30) Where are comments seen in HTML ?
 (A) In Web Browser (B) In Source Code
 (C) In result of HTML
 (D) All of these
- 31) Which tags are used to put comments in HTML ?
 (A) <!-- ... --> (B) </-- ... --/>
 (C) <-- ... --!> (D) <!-- ... -->
- 32) Which of the following show the beginning of HTML tag ?
 (A) <!-- (B) <--! (C) </-- (D) <\--
- 33) Which of following tags show the end of comment in HTML ?
 (A) --!> (B) !--> (C) --> (D) --/>
- 34) Which other name is comment known as ?
 (A) Indifferent (B) Introduction
 (C) Special (D) Courtesy
- 35) Which of the jobs can be done with meta-tag ?
 (A) Webpage can be told to bring a specific URL after certain seconds
 (B) Webpage can be told not to appears
 (C) Both (A) and (B)
 (D) This type of job is not possible with meta tag
- 36) Which of the following brings web page again and refreshes it ?
 (A) <meta http-equiv= "REFRESH" content="7">
 (B) <base http-equiv= 'REFRESH' content="7">
 (C) <link http-equiv: "REFRESH" content="7">
 (D) <style http-equiv: 'REFRESH' content="7">
- 37) Which of the following brings web page again and refreshes it ?
 (A) <meta http-equiv= 'REFRESH' content="3"; URL= 'http://tejasthakkar.com/'>
 (B) <base http-equiv= 'REFRESH' content="3"; URL= "http://tejasthakkar.com/">
 (C) <link http-equiv= "REFRESH" content="3"; URL='http://tejasthakkar.com/'>
 (D) <style http-equiv= "REFRESH" content="3"; URL= "http://tejasthakkar.com/">
- 38) Which of the following tag determines base URL or target ?
 (A) <meta> (B) <url>
 (C) <base> (D) <target>
- 39) Which tag is used to define information about document ?
 (A) <link> (B) <head>
 (C) <style> (D) <title>
- 40) Which tag is used to define the title of a document ?
 (A) <title> (B) <head>
 (C) <html> (D) <style>
- 41) Which tag is used to define a common address or target for all the links of a webpage ?
 (A) <link> (B) <script>
 (C) <base> (D) <style>
- 42) Which tag is used to define documents and external source ?
 (A) <style> (B) <link>
 (C) <script> (D) <meta>
- 43) Which tag is used to define meta tags related to HTML document ?
 (A) <m> (B) <me>
 (C) <meta> (D) <metadata>
- 44) Which tag is employed to define script towards client ?
 (A) <scr> (B) <src>
 (C) <script> (D) <jscript>
- 45) Which tag is employed to define document related style ?
 (A) <style> (B) <script>
 (C) <meta> (D) <link>
- 46) Between which tag is Body section of HTML document ?
 (A) <body> ... <\body>
 (B) <body> ... </body>
 (C) <body> ... <#body>
 (D) <body> ... <%body>
- 47) Which element of HTML stores matter lying within broser ?
 (A) <html> (B) <head>
 (C) <title> (D) <body>

- 48) What type of information is stored in body section ?
 (A) Heading (B) Paragraphs
 (C) Writing (D) All of these
- 49) Which of following tag needs some writing between them ?
 (A) <body> ... </body>
 (B)
 ... </br>
 (C) <hr> ... </hr>
 (D) <meta> ... </meta>
- 50) How is matterless tag known ?
 (A) Closing tag (B) Master tag
 (C) Blank tag (D) Data tag
- 51) Which of the following is example of blank tag ?
 (A) <p /> (B)

 (C) <h1 /> (D) <meta />

: Answers of the MCQs :

- (1 - A) (2 - C) (3 - B) (4 - A) (5 - C)
 (6 - B) (7 - B) (8 - A) (9 - D) (10 - B)
 (11 - D) (12 - D) (13 - A) (14 - C) (15 - B)
 (16 - D) (17 - A) (18 - D) (19 - B) (20 - A)
 (21 - C) (22 - B) (23 - D) (24 - A) (25 - C)
 (26 - B) (27 - A) (28 - D) (29 - A) (30 - B)
 (31 - D) (32 - A) (33 - C) (34 - B) (35 - C)
 (36 - A) (37 - A) (38 - C) (39 - B) (40 - A)
 (41 - C) (42 - B) (43 - C) (44 - C) (45 - A)
 (46 - B) (47 - D) (48 - D) (49 - A) (50 - C)
 (51 - B)

2.7 Background Image

- ➔ Predetermindly the background of HTML document is white.
- ➔ To show in HTML background a picture, background attribute is used with <body>.
- ➔ The following tag is used to arrange background in HTML document.
<body background = "computer.jpg">
 Here background is the name of the attribute.
- ➔ Every attribute to be assigned a specific value. Here, background attribute is named image file name in terms of value.
- ➔ For HTML document recognized picture forms are jpg, bmp, png and tiff.

➔ Ensure while using picture file that its name, extension and path are correctly written. If in giving file name there is an error, no background picture will be seen.

```

1 <html>
2
3 <head>
4 <meta name="description" content="About rainbow and its colors">
5 <meta name="keywords" content="Rainbow, VIBGYOR">
6 <meta name="author" content="Tejas Thakkar">
7 <!-- This is a comment -->
8 </head>
9
10 <body background="computer.jpg">
11
12 <p>
13 <h1> Nothing will be printed but this
14 line in a rainbow background...
15 </h1>
16 </p>
17
18 </body>
19
20 </html>
    
```

Figure 2.3 : Use of background picture in document

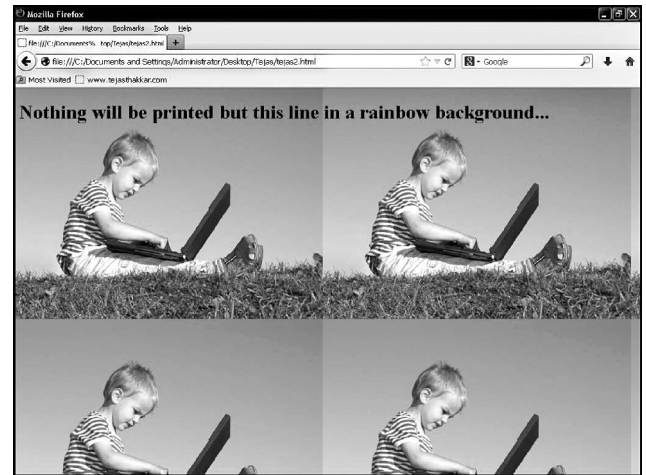


Figure 2.4 : Result of HTML code with background image

- ➔ In some cases background picture is more attractive than its writing.
- ➔ The user should ensure that the attention of the reader is not diverted completely from the writing and is concentrated on the picture.
- ➔ The background picture should be so eye-catching to motivate one to read the writing.
- ➔ If the size of the picture is smaller than that of screen, the replicas of picture will be made till the background is filled.
- ➔ Generally, a web-page is scrolled simultaneously with background picture. If background picture is required to be stable, the following code may be added :
<body background="computer.jpg" bgsproperties="fixed">

2.8 Background Color

- Background can be made attractive by adding color to the it.
- Following code is used to give yellow color to the webpage :
`<body bgcolor="#FFFF00">`
 Here bgcolor is the attribute determining background color.

```

1 <html>
2
3 <head>
4 <meta name="description" content="About rainbow and its colors">
5 <meta name="keywords" content="Rainbow, VIBGYOR">
6 <meta name="author" content="Tejas Thakkar">
7 <!-- This is a comment -->
8 </head>
9
10 <body bgcolor="#FFFF00">
11
12 <p>
13 <h1> Nothing will be printed but this
14 line in a rainbow background...
15 </h1>
16 </p>
17
18 </body>
19
20 </html>
  
```

Figure 2.5 : HTML Code for adding color to background of the document.



Figure 2.6 : Result of code showing background with writing

- To show color and picture at the same time the following code is given :
`<body background="computer.jpg" bgcolor="#FFFF00">`
- Here until the whole picture does not come, background color is shown. This type of effect is seen in slow computers. In swift computers such effects may not be seen.
- In television and Visual Display Unit of computer and screen type electronic medium it is made of three basic colours- Red, Green and Blue.
- These three colours-red, green and blue are called in brief RGB.
- According to sixteen digit system computer is given signals from 00 degree to FF degree.
- To present any color six digit code is made out of red, green and blue.
- These have range from 00 to FF, in which figures beginning from 00 to 255 may be included.
- The compounding of red, blue and green gives combination $256 \times 256 \times 256 = 16777216$ means about 16 crore different colours are given.
- In sixteen digit form alphabet of colours shows different colours.
- By changing alphabet of colours many different coloured backgrounds are created.
- For example, the color of red code is FF0000 which similar to decimal number 255 makes sixteen digit number.

- Examples of some other colours are as under.

Color	Name of the color	Color code according to sixteen digit system	Color code according to RGB system.
	Black	#000000	RGB (0,0,0)
	Red	#FF0000	RGB (255,0,0)
	Green	#00FF00	RGB (0,255,0)
	Blue	#0000FF	RGB (0,0,255)
	Yellow	#FFFF00	RGB (255,255,0)
	Aqua	#00FFFF	RGB (0,255,255)
	Magenta	#FF00FF	RGB (255,0,255)
	Gray	#C0C0C0	RGB (192,192,192)
	White	#FFFFFF	RGB (255,255,255)

Note : Friends, look up student help guide for other types of colours.

→ The name of the color code may be written in the following method too.

```
<body background = "computer.jpg"
bgcolor="Red">
<body background = "computer.jpg"
bgcolor="Aqua">
```

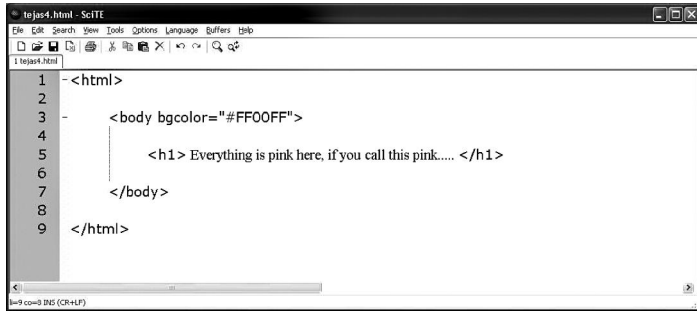


Figure 2.7 : HTML code for adding color to the background of document.

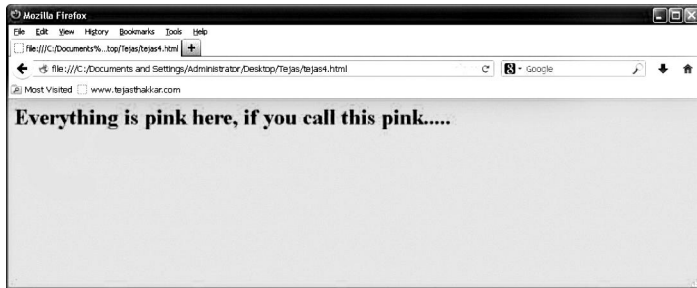


Figure 2.8 : Result of HTML code along with background color.

2.9 Text Color

- Using body tag attributes the color of writing can be defined.
- The following codes can be used to define color of the writing.

```
<body text="FF0000"> OR
<body text="Red">
```

Here with FF0000 value red color of writing is generated.

- If on pink background yellow-lettered writing is to be shown, the following codes are employed.


```
<body bgcolor="FF00FF" text="FFFF00"> OR
<body bgcolor="Pink" text="Yellow">
```

2.10 Link Color

- In webpage some other place or page is shown in blue coloured letters. When such letters are clicked they take to other page. It is known as hyperlink.
- Hyperlink is generally blue.
- One can move to original page by clicking original page. Then the color of writing is seen as different.
- The link visited is called Active Link. In brief, it is alink.
- alink attribute arranges the color of active link. At that time what is clicked shows the condition of link at that point of time.
- The link already visited is called active link. In brief it is vlink.
- vlink arranges the color of link already visited.
- Different color are used to separate visited link from active link using different colours.

Examples :

```
<body alink = "#00FF00">
<body vlink = "#FF0000">
<body vlink = "Red">
```

Exam Oriented MCQs from ‘Darpan’

- 52) In a predetermined way which is the result of HTML code ?
 - (A) White (B) Black
 - (C) Red (D) Green
- 53) Which tag is used in HTML to present coloured background in a decorative way ?
 - (A) bg (B) bkg
 - (C) background (D) imagebkcolor
- 54) With what tag is background attribute used in HTML ?
 - (A) <html> (B) <body>
 - (C) <image> (D) <head>

- 55) Which tag is employed to arrange background it HTML ?
 - (A) <body background = "computer.jpg">
 - (B) <body background = 'computer.jpg'>
 - (C) <body backcolour = "computer.jpg">
 - (D) <body bgcolor = "computer.jpg">
- 56) What is the name of <body background="computer.jpg" ?
 - (A) body (B) background
 - (C) computer.jpg (D) All of these
- 57) What is the name of value in <body background="computer.jpg" ?
 - (A) body (B) background
 - (C) computer.jpg (D) All of these

- 58) **What is given to each attribute of HTML ?**
 (A) Effect (B) Value
 (C) Description (D) Key word
- 59) **What is form of recognized HTML image ?**
 (A) JPG (B) BMP
 (C) PNG, TIFF (D) All of these
- 60) **What is full form of JPG ?**
 (A) Joint Photographic Expert Group
 (B) Joint Photographic Export Group
 (C) Joint Photographic Extra Group
 (D) Joint Photographic Exchange Group
- 61) **What is the full form of BMP ?**
 (A) Bitmapping (B) Bitmanaging
 (C) Bitmap (D) Bitmanage
- 62) **What is the full form of PNG ?**
 (A) Pagewise Network Graphics
 (B) Portable Network Graphics
 (C) Portrait Network Graphics
 (D) Permanent Network Graphics
- 63) **What is the full form of TIFF ?**
 (A) Tagged Image Format Folder
 (B) Tagged Image File Folder
 (C) Tagged Image Format File
 (D) Tagged Image File Format
- 64) **What should be ensured while using file within HTML code ?**
 (A) File Name (B) Extension of File
 (C) File Path (D) All of these
- 65) **What will happen if there is error in HTML file name, extension or path ?**
 (A) Nothing will be seen as page background
 (B) Error message will be seen for page background
 (C) That the attention of the viewer is diverted from writing and gets concentrated on background
 (D) That the attention of the viewer is not concentrated on background and gets concentrated on writing
- 66) **What care we have to take about the background ?**
 (A) Reader's attention should not be centralized on the text
 (B) Reader's attention should be centralized on the background
 (C) Reader's attention should not be centralized on the background rather than the text
 (D) Reader's attention should not be centralized on the text rather than the background
- 67) **What kind of image should be there as HTML background ?**
 (A) Should be cute in appearance
 (B) Should motivate to read writing
 (C) Should be small in size
 (D) All of these
- 68) **What will happen if HTML image too big how much time will it take to give it browser ?**
 (A) Less (B) More
 (C) Moderate (D) None of these
- 69) **What will happen if the size of image used is smaller than that of the screen ?**
 (A) There will be replicas of image till the screen is filled
 (B) Images will be till image is seen
 (C) Varied images will be seen on the screen
 (D) Any of the above
- 70) **Which code will you use till image remains stable and does not get scrolled ?**
 (A) `<body background="computer.jpg" bgproperties="flat">`
 (B) `<body background="computer.jpg" bgproperties="permanent">`
 (C) `<body background="computer.jpg" bgproperties="fixed">`
 (D) `<body background="computer.jpg" bgproperties="preset">`
- 71) **How can a web page be made attractive by using what in the background image ?**
 (A) Background writing
 (B) Background colours
 (C) Background sound (D) Background file
- 72) **Which attribute determines color in HTML ?**
 (A) Background (B) Bground
 (C) Bgcolor (D) Backcolor
- 73) **Which code will you use to show Yellow color in background of HTML ?**
 (A) `<body bgcolor="yellow">`
 (B) `<body backcolour="yellow">`
 (C) `<body bgproperties="yellow">`
 (D) `<body background="yellow">`

- 74) What code will you use arrange background image and color at the same time ?
 (A) <body background="computer.jpg" bgcolor="Yellow">
 (B) <body backcolour="computer.jpg" bgcolor="Yellow">
 (C) <body bgcolor="computer.jpg" backcolor="Yellow">
 (D) <body background="computer.jpg" bgcolor="Yellow">
- 75) In which of the following medium any color is made by compounding of RGB ?
 (A) Television (B) VDU of Television
 (C) Both (A) and (B) (D) None of these
- 76) What is the full form of VDU ?
 (A) Voice Display Unit
 (B) Visual Display Unit
 (C) Vocal Display Unit
 (D) Visualization Display Unit
- 77) How is the color combination for basic electronic medium known ?
 (A) Red, Green, Blue
 (B) Red, Green, Yellow
 (C) Red, Green, Orange
 (D) Red, Yellow, Blue
- 78) How is the basic color combination in electronic known ?
 (A) RBG (B) RGB (C) BRG (D) GRB
- 79) What is the full form of RGB ?
 (A) Red Green Blue (B) Red Green Brown
 (C) Red Green Black (D) Red Gray Blue
- 80) By which method is purple color organized ?
 (A) Blue + Yellow (B) Red + green
 (C) Blue + Red (D) Red + yellow
- 81) Which color mix is needed for making computer colours ?
 (A) Binary (B) Eight digital
 (C) Decimal (D) Sixteen digital
- 82) Up to what degree are the colours given signals in sixteen digit method ?
 (A) 00 to EE (B) 00 to FF
 (C) 00 to GG (D) 00 to HH
- 83) How many figures go into the presentation of HTML code ?
 (A) 2 (B) 4 (C) 6 (D) 8
- 84) What is code for red ?
 (A) FF0000 (B) 00FF00
 (C) 0000FF (D) FFFFFFFF
- 85) In FF0000, which color is given FF value ?
 (A) Red (B) Green (C) Blue (D) Yellow
- 86) In FF0000, which value is given to each color ?
 (A) Red = 00, Green = FF, Blue = 00
 (B) Red = FF, Green = FF, Blue = FF
 (C) Red = 00, Green = 00, Blue = FF
 (D) Red = FF, Green = 00, Blue = 00
- 87) What is the range of value given to any color in HTML ?
 (A) 0 to 64 (B) 0 to 255
 (C) 0 to 256 (D) 0 to 264
- 88) How many values are there to give to present any color ?
 (A) 64 (B) 255
 (C) 256 (D) 264
- 89) In HTML, how many colours are given by different combinations ?
 (A) 64 (B) 256
 (C) 65536 (D) 16777216
- 90) How are different colours given using different alphabets ?
 (A) Binary (B) Eight Digital
 (C) Decimal (D) Sixteen Digital
- 91) Which is the color code for white ?
 (A) FFFFFFFF (B) FFFF00
 (C) 000000 (D) FF0000
- 92) What is the color code for red ?
 (A) FFFFFFFF (B) FFFF00
 (C) 000000 (D) FF0000
- 93) What is the color code for yellow ?
 (A) FFFFFFFF (B) FFFF00
 (C) 000000 (D) FF0000
- 94) What is the color code for black ?
 (A) FFFFFFFF (B) FFFF00
 (C) 000000 (D) FF0000
- 95) What is the color code for magenta ?
 (A) FF00FF (B) 00FF00
 (C) 000000 (D) 0000FF
- 96) What is the color code of blue ?
 (A) FF00FF (B) 00FF00
 (C) 000000 (D) 0000FF

- 97) What is the color code of green ?
 (A) FF00FF (B) 00FF00
 (C) 000000 (D) 0000FF
- 98) In HTML, by what attribute of body tag color can be defined ?
 (A) Text (B) Font
 (C) Textcolor (D) Fontcolor
- 99) In HTML, what color will you have for making red the color of writing ?
 (A) <body font="FF0000">
 (B) <body font="FF00FF">
 (C) <body text="FF0000">
 (D) <body text="FF00FF">
- 100) In HTML, if the background is pink and one has to write with yellow color, which code is used ?
 (A) <body bgcolor="FFFF00" text="FFFF00">
 (B) <body bgcolor="FF00FF" text="FFFF00">
 (C) <body bgcolor="FF0000" text="FFFF00">
 (D) <body bgcolor="FF00FF" text="FF00FF">
- 101) In webpage, what does blue color text, page indicate ?
 (A) Masterlink (B) Targetlink
 (C) Weblink (D) Hyperlink
- 102) In general, which color does hyperlink shows ?
 (A) Red (B) Green
 (C) Blue (D) black
- 103) What happened when one click on hyperlink ?
 (A) It takes to other page
 (B) It takes to other line
 (C) It takes to picture file
 (D) It takes to original file
- 104) After one put a click on hyperlink and then returns to home page then what happened to hyperlink color ?
 (A) Hyperlink returns to the same color
 (B) Changes its color
 (C) Becomes white in color
 (D) Becomes black in color
- 105) While visiting a webpage, by what name a hyperlink is known ?
 (A) Visited link (B) Active link
 (C) Dynamic link (D) Master link
- 106) While visiting webpage in what abbreviated hyper link is moved ?
 (A) alink (B) blink
 (C) vlink (D) xlink
- 107) While visiting a webpage, by what name a hyperlink is known ?
 (A) Visited link (B) Active link
 (C) Dynamic link (D) Master link
- 108) While visiting a
 (A) Visited link (B) Not visited link
 (C) Active link (D) Non-active link
- 109) While visiting a web page in what abbreviated form an active link is known ?
 (A) alink (B) blink (C) vlink (D) xlink
- 110) What is difference between visited link and active link ?
 (A) Different size
 (B) Different shape
 (C) Different background
 (D) Different color
- 111) Which code is used for setting green color for visiting a active link ?
 (A) <body vlink ="#00FF00">
 (B) <body alink ="#00FF00">
 (C) <body alink ="#FFFF00">
 (D) <body alink ="#00FFFF">
- 112) Which code is used for setting red color for visiting a active link ?
 (A) <body vlink ="#FF0000">
 (B) <body alink ="#00FF00">
 (C) <body vlink ="#00FF00">
 (D) <body alink ="#00FF00">

: Answers of the MCQs :

- | | | | | |
|-----------|-----------|-----------|-----------|-----------|
| (52 - A) | (53 - C) | (54 - B) | (55 - A) | (56 - B) |
| (57 - C) | (58 - B) | (59 - D) | (60 - A) | (61 - C) |
| (62 - B) | (63 - D) | (64 - D) | (65 - A) | (66 - C) |
| (67 - D) | (68 - B) | (69 - A) | (70 - C) | (71 - B) |
| (72 - C) | (73 - A) | (74 - D) | (75 - C) | (76 - B) |
| (77 - A) | (78 - B) | (79 - A) | (80 - C) | (81 - D) |
| (82 - B) | (83 - C) | (84 - A) | (85 - A) | (86 - D) |
| (87 - B) | (88 - C) | (89 - D) | (90 - D) | (91 - A) |
| (92 - D) | (93 - B) | (94 - C) | (95 - A) | (96 - D) |
| (97 - B) | (98 - A) | (99 - C) | (100 - B) | (101 - D) |
| (102 - C) | (103 - A) | (104 - B) | (105 - A) | (106 - C) |
| (107 - B) | (108 - C) | (109 - A) | (110 - D) | (111 - B) |
| (112 - A) | | | | |

2.11 Horizontal Line

- ➔ To draw a Horizontal line in web page <hr /> tag is used.
- ➔
 and <hr/> are null elements.
- ➔ <hr/> element has on ending require.
- ➔ To seprate the text into two part <hr/> tag is used.
- ➔ The full form of <hr /> is Horizontal Ruler.

```

1 <html>
2   <head>
3     <title> About Rainbow </title>
4   </head>
5
6   <body>
7     <hr />
8     This line
9     <hr /> <hr />
10    is broken in
11    <hr />
12    three parts
13  </body>
14
15 </html>
    
```

Figure 2.9 : Cods for Horizontal line

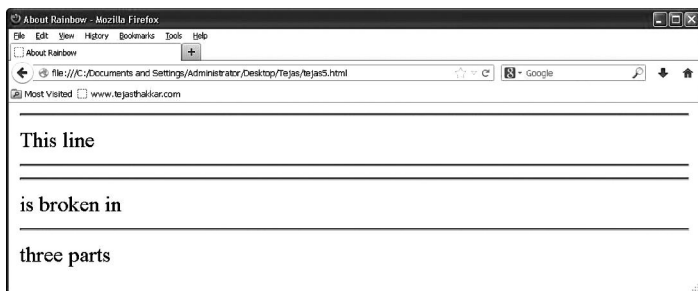


Figure 2.10 : Output of Horizontal line in web browser

- ➔ Along with <hr> the following five attributes are used.
size, color, width, align, noshade.
- ➔ The description of these attributes are as follows.

No.	attributes	Description
(1)	size	Defines the thickness of the line. You may use pixel size 3, 5 or even 10.
(2)	color	Defines the line color in explorer such as the Mozilla Firefox. The line color must be defined in hexadecimal.
(3)	width	Defines the length of the line. The length can also be defined as in percentage of the width of the

		browser's window. The default value of the width is 100%.
(4)	align	Defines alignment of line in RIGHT, LEFT, or CENTER manner.
(5)	noshade	Displays a solid plain line instead of shaded line.

Example :

- ➔ To display a horizontal rule of size 5 pixel that uses only 50 % of the screen size and is aligned to the right side of the screen then following code be used.

```

<hr size = 5 width = "50%" align = "right"
color="red" noshade>
    
```

```

1 <html>
2   <head>
3     <title> About Rainbow </title>
4   </head>
5
6   <body>
7
8     <hr size="5" width="50%" align="right" color="red" noshade>
9
10  </body>
11
12 </html>
    
```

Figure 2.11 : Different attribute indicating HTML Horizontal line and attribute



Figure 2.12 : Output of <hr> and its attribute in web browser

2.12 Formatting Characters

- ➔ In HTML, text can be written in bold, italics and underline format.
- ➔ Character and text can't be written using two types of tag.

(1) Physical Style Tag :

- ➔ To display a text or character in a require manner physical style tag is used, which browser will follow and publishing the content in the same manner.

⇒ Following are the types of Physical style tag.

No.	Tag	Description
(1)	 ... 	Displays the content in bold fonts.
(2)	<i> ... </i>	Displays the content in italics.
(3)	<u> ... </u>	Displays the content with a line strike through it.
(4)	^{...}	Displays the content as a subscript.
(5)	_{...}	Displays the content as a superscript.
(6)	<strike> ... </strike>	Displays the content in a fixed typewriter-like font.
(7)	<tt> ... </tt>	Displays the content as underlined text.

(2) Logical Style Tag :

⇒ In HTML logical style tag is used for what to execute as per the output a user want.

Following are the logical style tags.

No.	Tag	Description
(1)	<dfn>	To publish the text content in defined fashion.
(2)		To give emphasis on specific text.
(3)	<cite>	For citing important text such as titles of books, films, etc.
(4)	<code>	To demonstrate computer programming code segments. The text is displayed in a fixed-width font.
(5)		This tag prints the content in strong emphasis manner. The content is typically displayed in bold.

Example :

 Computer with

 Tejas Thakkar

⇒ Following figure shows the difference between and tags.

```

1 <html>
2   <head>
3     <title> www.tejasthakar.com </title>
4   </head>
5
6   <body>
7
8     <em> Computer with </em>
9     <br />
10    <strong> Tejas Thakkar </strong>
11
12  </body>
13
14 </html>

```

Figure 2.13 : Difference between and tag

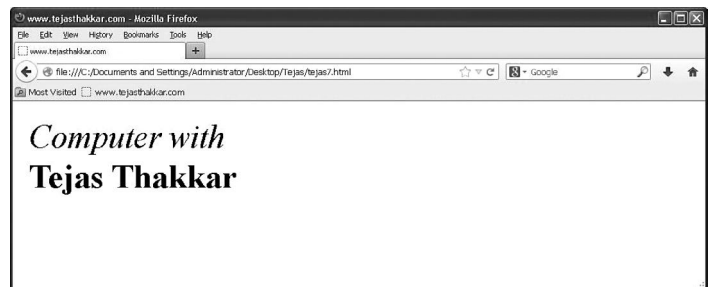


Figure 2.14 : Output of and tag

Exam Oriented MCQs from Darpan

- 113) Which element is used for draw a Horizontal line ?
 (A) <hr /> (B) <hr \>
 (C) <hr %> (D) <hr #>
- 114) Which type of line is drawn by <hr /> element ?
 (A) Vertical (B) Slanting line
 (C) Horizontal (D) berating line
- 115) Which type of tag is <hr /> ?
 (A) Filled tag (B) Empty tag
 (C) Main tag (D) Secondary tag
- 116) Out of the following, which one is empty element ?
 (A) <hr /> (B)

 (C) Both (A) and (B) (D) <p>
- 117) To separate the text into two parts which tag is used ?
 (A) <hr /> (B)

 (C) <tr /> (D) <dr />
- 118) How many attribute can be used with <hr /> tag ?
 (A) 3 (B) 4 (C) 5 (D) 6
- 119) Which of the following attribute can be used with <hr /> tag ?
 (A) size, color (B) width, align
 (C) no shade (D) None of these

- 120) Which attribute is used for setting the thickness of line ?
 (A) Width (B) Size
 (C) Align (D) No shade
- 121) Generally, in `<hr />` tag, the size of the line is ensured in which unit ?
 (A) Pixel (B) Cm
 (C) Inch (D) Percentage
- 122) Which attribute is used to decide the color of line in `<hr />` tag ?
 (A) linecolor (B) lcolor
 (C) hrcolor (D) color
- 123) Which attribute is used for setting the length of line ?
 (A) Width (B) Size
 (C) Align (D) Noshade
- 124) Generally, what is the width of the line in `<hr/>` tag ?
 (A) 25% (B) 50% (C) 75% (D) 100%
- 125) In `<hr/>` tag, to arrange the line, which attribute is used ?
 (A) Width (B) Size
 (C) Align (D) Noshade
- 126) To which side a line can be arrange in `<hr />` tag ?
 (A) Right (B) Center
 (C) Left (D) None of these
- 127) In `<hr />` tag instead of highlighted line, if simple line is drawn, which attribute is used ?
 (A) Noshade (B) Width
 (C) Size (D) Align
- 128) Which of the following code is applicable, if size = 5 pixel, screen used = 5% and aligned to the right side ?
 (A) `<hr size="5" length="50%" align="right">`
 (B) `<hr size="5", width="50%", align="right">`
 (C) `<hr size="5" width="50%" align="right">`
 (D) `<hr size="5"; width="50%"; align="right">`
- 129) Select the correct option for the statement. `<hr>` tag does not require closing tag.
 (A) This statement is true.
 (B) This statement is false.
 (C) Nothing can be said about this statement.
 (D) None of these
- 130) To display “Computer with Tejas Thakkar” word in center and heading form which code can’ be used ?
 (A) `<h1 set="center">` Computer with Tejas Thakkar `</h1>`
 (B) `<h1 properties="center">` Computer with Tejas Thakkar `</h1>`
 (C) `<h1 align="middle">` Computer with Tejas Thakkar `</h1>`
 (D) `<h1 align="center">` Computer with Tejas Thakkar `</h1>`
- 131) To arranged text in to paragraph, which tag can be used ?
 (A) `<p>` (B) `<pre>`
 (C) `<para>` (D) `<perform>`
- 132) How many style tag are there ?
 (A) 2 (B) 3 (C) 4 (D) 5
- 133) Which type of style tag are there ?
 (A) Physical style tag (B) logical style tag
 (C) Both (A) and(B) (D) None of these
- 134) According to browser instruction, which HTML tag can be used ?
 (A) Physical style tag
 (B) Logical style tag
 (C) Master style tag (D) Base style tag
- 135) Which of the following indicates the example for physical style tag ?
 (A) ` ... `, `<i> ... </i>`, `<u> ... </u>`
 (B) `_{...}`, `^{...}`
 (C) `<strike> ... </strike>`, `<tt> ... </tt>`
 (D) None of these
- 136) Which of the following indicate the text in bold ?
 (A) `<i> ... </i>` (B) ` ... `
 (C) `<u> ... </u>` (D) `<tt> ... </tt>`
- 137) Which of the following indicate the text in slanting form ?
 (A) `<i> ... </i>` (B) ` ... `
 (C) `<u> ... </u>` (D) `<tt> ... </tt>`
- 138) Which of the following indicate the text with underlined ?
 (A) `<i> ... </i>` (B) ` ... `
 (C) `<u> ... </u>` (D) `<tt> ... </tt>`
- 139) Which tag is used when a text is cut off ?
 (A) `<tt> ... </tt>` (B) `<strike> ... </strike>`
 (C) `_{...}` (D) `^{...}`
- 140) Which of the tag is used, when a text is smaller than its previous letter and is in the lower line ?
 (A) `<tt> ... </tt>` (B) `<strike> ... </strike>`
 (C) `_{...}` (D) `^{...}`

- 141) Which of the tag is used when a text is smaller than its previous letter and is in the same line ?
 (A) <tt> ... </tt> (B) <strike> ... </strike>
 (C) _{...} (D) ^{...}
- 142) To display the tag in typewriter form, which tag is used ?
 (A) <tt> ... </tt> (B) <strike> ... </strike>
 (C) _{...} (D) ^{...}
- 143) Which other style tag is available other than physical style tag ?
 (A) Keyword style (B) Logical style
 (C) Text style (D) Image style
- 144) To obtain a customized text, which style tag is used ?
 (A) logical style (B) physical style
 (C) master style (D) Text style
- 145) Which of the following is an example of logical style tag ?
 (A) , (B) <cite>, <code>
 (C) <dfn> (D) None of these
- 146) Which of the following tag emphasizes the text ?
 (A) , (B) <cite>, <code>
 (C) <dfn> (D) None of these
- 147) Which of the following tag emphasizes the text ?
 (A) <dfn> (B) <cite>
 (C) <code> (D)
- 148) Which of the following tag gives more emphases on the text ?
 (A) <code> (B)
 (C) <cite> (D) <dfn>
- 149) To display information must be done and important, which tag can be used ?
 (A) <cite> (B)
 (C) <code> (D) <dfn>
- 150) To display the text in fixed width font, which tag is used ?
 (A) <code> (B)
 (C) <cite> (D) <dfn>
- 151) To lay emphasis on perticular text, which tag is used ?
 (A) <cite> (B)
 (C) <code> (D) <dfn>
- 152) To display the title of the book, movie, etc, which tag is used ?
 (A) <code> (B)
 (C) <cite> (D) <dfn>
- 153) To demonstrate computer programming code as well as the text in fixed font, which tag is used ?
 (A) <cite> (B)
 (C) <code> (D) <dfn>
- 154) To display the text more emphasis, which tag is used ?
 (A) <code> (B)
 (C) <cite> (D) <dfn>

: Answers of the MCQs :

- | | | | | |
|---------|---------|---------|---------|---------|
| (113-A) | (114-C) | (115-B) | (116-C) | (117-A) |
| (118-C) | (119-D) | (120-B) | (121-A) | (122-D) |
| (123-A) | (124-D) | (125-C) | (126-D) | (127-A) |
| (128-C) | (129-A) | (130-D) | (131-B) | (132-A) |
| (133-C) | (134-A) | (135-D) | (136-B) | (137-A) |
| (138-C) | (139-B) | (140-C) | (141-D) | (142-A) |
| (143-B) | (144-A) | (145-D) | (146-A) | (147-D) |
| (148-B) | (149-B) | (150-D) | (151-B) | (152-C) |
| (153-C) | (154-B) | | | |

2.13

Font Tag

- ➔ To arrange the text in different style and size font tag is used.
- ➔ With its used font type, size, color etc. can be set.
- ➔ To decide the font type, face attribute is used.
- ➔ To decide the font size attribute is used.
- ➔ To decide the font color, color attribute is used.

Example :

```
<font size="16" color="red"> Computer with Tejas Thakkar </font>
```

```
<font face="verdana" size="16" color="Green"> Computer with Tejas Thakkar </font>
```

⇒ To beginning of HTML decide the font style font face, etc. following code are below.

```
<basefont face="Arial" size="16">
```

```

1 <html>
2
3   <body>
4
5       <basefont face="Arial" size="16">
6
7       <p> <font color="red"> This is some text! </font> </p>
8       <p> <font color="blue"> This is some text! </font> </p>
9       <p> <font color="green"> This is some text! </font> </p>
10
11   </body>
12
13 </html>
  
```

Figure 2.15 : Font tag and its attribute displaying HTML code

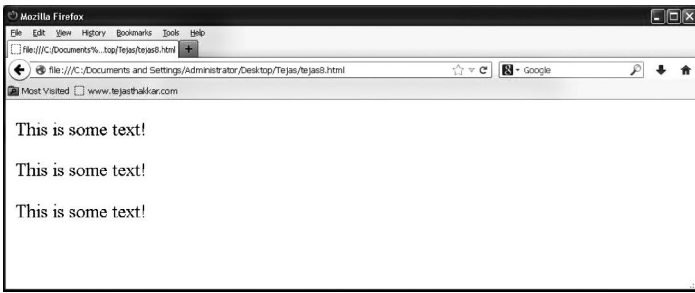


Figure 2.16 : Output of tag and its attribute in web browser

Note :

- In HTML document the file name tejas8.html HTML is displayed as tejas.
- Generally in Linux file does not uses any extension.
- When an extension is put after a file name, it indicates type of the file, content and its uses.
- In Linux, in order to get require output the user does not have to use file extension, only the program of the particular file is used.

2.14 Special Characters

- ➔ In web page <, &, © etc symbols can be used.
- ➔ In web page along with special symbol (Amper-sand) is used as prefix.
- ➔ Instead of such symbolic code, we can also give the ASCII value for the symbol.
- ➔ This is required because the characters like 1 < 1 and 1 > 1 cannot be used directly in an HTML document, as they can be mixed with tag.
- ➔ Special symbols and their description.

No.	Symbol	Description	Mnemonic code	ASCII value
(1)	<	Less than	lt	60
(2)	>	Greater than	gt	62
(3)	&	Ampersand	amp	38
(4)	©	Copy right	--	169
(5)	¼	One quarter	--	188
(6)	½	Half	--	189
(7)	¾	Three quarters	--	190
(8)	®	Registered trademark	®	174

Example :

➤ Here is an example demonstrating use of less (<) and greater than (>) characters within an HTML code.

```
<p align="center"> & It Computer with Tejas Thakkar & gt </p>
```

The above line will print following text on a web page.

< Computer with Tejas Thakkar >

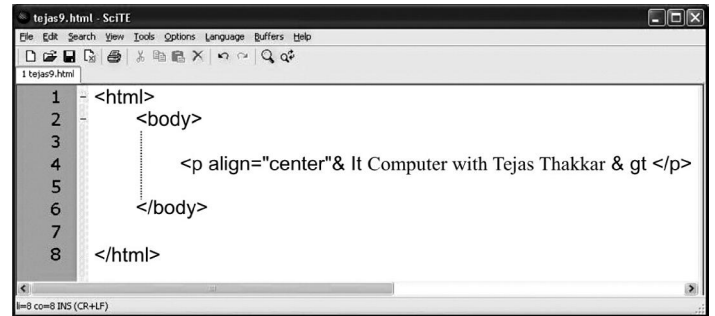


Figure 2.17 : Special symbol with HTML code

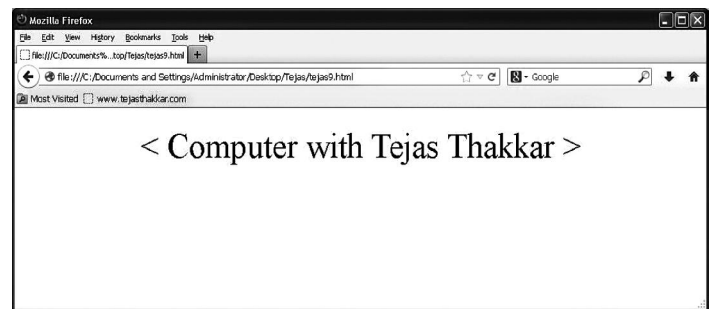


Figure 2.18 : Out put in web browser of special symbol

2.15 Example of Making Web Page - 1



Figure 2.19 : Advertisement of an event

➔ To design a web page following point are taken care off.

- The document has to be written in HTML's body section.

- ⇒ First line practicing Rainbow Colours is header and it is arrange in the center for that <h1> and <center> tag is used.
- ⇒ Second line Attention Please ! is simple text and is in center, for that <p> and <center> tag is used.
- ⇒ After last that paragraph writing <p> tag is used.
- ⇒ Atlast for Date, Time, Place, Instructor type information is used using preformatted text, for that <pre> and </pre> tag is used.

→ The HTML codes shows the output for figure 2.19.

```

1 <html>
2 <head>
3 <title> Notice </title>
4 </head>
5 <body>
6 <h1 align="center"> Practicing Rainbow Colors </h1>
7 <p align="center"> Attention Please ! </p>
8 <p> The rainbow is made up of seven colors. When we mix all seven colors
9 they will become a white color. To demonstrate the experiment,
10 we have arranged a laboratory session. The detail of the laboratory
11 session is as follows :
12 </p>
13 <pre>
14     Date       : 18th February 2013
15     Time       : 10:00 am
16     Place      : Safal Parishkaar,
17                 Khokhara Circle,
18                 Maninagar (East),
19                 Ahmedabad.
20     Instructor : Tejas Thakkar
21 </pre>
22 </body>
23 </html>

```

Figure 2.20 : Web page to designing code

2.16 Example of Making Web Page-2

- To design a simple website for school the following point should be taken care off.
- ⇒ Website displays the rules and regulation and its activities carried out in the school.

- ⇒ The main page i.e. Home page should have an Index.
- ⇒ In Home page the details such as, School name, registration number, postal address and contact details can be incorporated.
- ⇒ Along with home page educational activities, photo gallery, curricular activities, etc can be displaced using hyperlink to the following pages.

```

1 <html>
2 <head>
3 <title> Aboutmy school </title>
4 </head>
5 <body link="purple">
6 <h1> My School - Doon International School </h1>
7 <p> </p>
8 <a href="Home.html"> Home </a>
9 <a href="Activities.html"> Activities </a>
10 <a href="Staff.html"> Staff </a>
11 <a href="Gallery.html"> Photo </a>
12 <a href="Event.html"> Events </a>
13 <a href="Notice.html"> Notice </a>
14 <a href="Contact.html"> Contact Us </a>
15 </p>
16 </p>
17 <p> My "Doon International School" - is one of the best and most reputed school
18 of this city. My school offers education right from kindergarten to 12th standard.
19 My school is equipped with all sorts of modern day facility to enhance education.
20 My school has a play ground, an assembly hall, library, computer lab and activity lab.
21 </p>
22 <p> My school offers teaching in English and Gujarati medium and is affiliated to
23 Gujarati Secondary Education Board. The teachers in my school make learning
24 easy and interesting by providing presentations and demonstrations.
25 </p>
26 </body>
27 </html>

```

Figure 2.21 : Code for creating website for school.

- To save this code and display its out in web browser.



Figure 2.22 : The output of school website

2.17 Different Tags and Their Uses

- List of all the tags and its uses included in the present chapter. (Different tags and usages)

No.	Tag	Description
(1)	<! -- ... -->	To embed text of comments in an HTML code.
(2)		Displays the content in bold fonts.
(3)	<base>	Specifies the base URL/target for all relative URLs in a page.

(4)	<basefont>	To set default font for the web page.
(5)	<body>	Defines body section of an HTML document. It has attributes such as background image, background color, text color, link color, etc.
(6)	<cite>	For citing important text such as titles of books, films, etc. the text is typically displayed in italics.
(7)	<code>	To demonstrate computer programming code segments. The text is displayed in a fixed-width font.
(8)	<dfn>	To publish the text content in defined fashion. Typically the text is displayed in italics.
(9)		The content is displayed in emphasized manner.
(10)		Font tag is used to set specific fonts and size.
(11)	<head>	Head section of an HTML document.
(12)	<hr>	Defines a horizontal rule. It has attributes such as size, color, width, alignment, no shade etc.
(13)	<i>	Displays the content in italics.
(14)	<link>	Defines the relationship between a document and an external resource.
(15)	<meta>	Provides additional information to search engine and other utility programs about author, keywords, description, purpose etc.
(16)	<script>	Defines a client side script.
(17)	<strike>	Displays the content in a strike through manner.
(18)		The content is displayed in much emphasized manner.
(19)	<style>	Defines style information for a document.
(20)	<sub>	Displays the content as a subscript.
(21)	<sup>	Displays the content as a superscript.
(22)	<tt>	Displays the content in a fixed typewriter-like font.
(23)	<u>	Displays the content as underlined text.

Exam Oriented MCQs from Darpan

155) To display the text in particle style and size, which tag is used ?

- (A) (B) <code>
(C) <size> (D) <type>

156) Along with the font tag, which other attribute can be used ?

- (A) size, type (B) size, title
(C) style, character (D) style, size

157) Which code is used for font size = 12, color = red and type verdana ?

- (A) <text size="12" color="red" face = "Verdana">
Text
(B) <char size="12" color="red" face = "Verdana">
Text
(C)
Text
(D) <para size="12" color="red" face = "Verdana">
Text

- 158) Out of the following, which one is used as a code for color ?
 (A) Binary system (B) Octal system
 (C) Decimal system (D) Hexa system
- 159) Which attribute is used with font tag ?
 (A) Size (B) Color
 (C) Both (A) and (B) (D) Type
- 160) Which attribute decide the size of the font ?
 (A) Size (B) Volume
 (C) Mass (D) Amount
- 161) Which attribute decide the color of the text ?
 (A) fcolour (B) bgcolour
 (C) fontcolour (D) color
- 162) Which of the following code is used for entire HTML web page having font type Arial and Font size - 16 ?
 (A) `<fontbase face="Arial" size="16">`
 (B) `<basetext face="Arial" size="16">`
 (C) `<basefont face="Arial" size="16">`
 (D) `<textbase face="Arial" size="16">`
- 163) Generally Linux does not used file extension. Choose the correct statement.
 (A) This statement is true.
 (B) This statement is false.
 (C) Nothing can be said about this statement.
 (D) None of these
- 164) In Linux, when an extension is used after a file name, what does it indicates ?
 (A) File text and its attribute
 (B) File text and its type
 (C) File text and its importance
 (D) File text and its use
- 165) Out of following, which indicate HTML extension ?
 (A) .h (B) .hmt
 (C) .html (D) .hmlt
- 166) To get a desired output a user has to use file extension. Choose the correct statement.
 (A) This statement is true.
 (B) Nothing can be said about this statement
 (C) This statement is cant say.
 (D) None of these
- 167) Which of the following should the special symbols ?
 (A) >, <, & (B) ®, ©
 (C) ½, ¼, ¾ (D) None of these
- 168) In HTML, what is used as a prefix for special symbol?
 (A) & (B) % (C) # (D) @
- 169) By what name & is known ?
 (A) Ampire (B) Ampercent
 (C) Ampersand (D) Amparantant
- 170) In HTML, instead of special symbols, which code can be used ?
 (A) ANSI (B) ASCII
 (C) C (D) HTML
- 171) Full form of ASCII is
 (A) American Standard Code for Interchange Information
 (B) American Standard Code for International Information
 (C) American Standard Code for Increment Interchange
 (D) American Standard Code for Information Interchange
- 172) Why we cannot use '<' and '>' symbol directly ?
 (A) It can mix with tag
 (B) It is keyword, so cannot be used
 (C) It can mix with symbol
 (D) It is a symbol so cannot be used
- 173) Which symbol is used for indicating smaller quantity ?
 (A) > (B) & (C) < (D) \$
- 174) Which symbol is used for indicating bigger quantity ?
 (A) > (B) & (C) < (D) \$
- 175) Which symbol is used for Ampersand ?
 (A) # (B) & (C) @ (D) \$
- 176) Which symbol is used for copy write ?
 (A) © (B) ®
 (C) Ⓢ (D) All of these
- 177) Which symbol is used for registered trade mark ?
 (A) © (B) ®
 (C) Ⓢ (D) All of these

- 178) What is the ASCII value for > and < symbol ?
 (A) 60, 61 (B) 60, 62
 (C) 61, 62 (D) 61, 63
- 179) What is the ASCII value for & symbol ?
 (A) 36 (B) 37
 (C) 38 (D) 39
- 180) What is the ASCII value for © and ® ?
 (A) 169, 172 (B) 169, 174
 (C) 170, 172 (D) 171, 174
- 181) What is the ASCII value for ¼ , ½ , ¾ ?
 (A) 188, 189, 190 (B) 189, 190, 191
 (C) 190, 191, 192 (D) 191, 192, 193
- 182) Which code is used for less than and greater than ?
 (A) l, g (B) lg, gt
 (C) lt, tg (D) lt, gt
- 183) Which code is used for & ?
 (A) am (B) amp
 (C) ap (D) apm
- 184) Which code is used for - ® ?
 (A) r (B) re
 (C) reg (D) erg
- 185) In HTML, to add a <Computer with Tejas Thakkar>, which code is used ?
 (A) < Computer with Tejas Thakkar >
 (B) %lt Computer with Tejas Thakkar %gt
 (C) #lt Computer with Tejas Thakkar #gt
 (D) @lt Computer with Tejas Thakkar @gt
- 186) In HTML, to add a comment which code is used ?
 (A) <-- ... --> (B) <!-- ... -->
 (C) <!-- ... --> (D) <!-- ... --!>
- 187) To display the letter in bold, which tag is used ?
 (A) ... (B) ...
 (C) <bd> ... </bd> (D) ... </bd>
- 188) In web page display URL, which tag is used ?
 (A) <base> (B) <basefont>
 (C) <baseurl> (D) <baseu>
- 189) To set a default font for a entire web page, which tag is used ?
 (A) (B) <bfont>
 (C) <basefont> (D) <bodyfont>
- 190) In HTML to display the body section, which tag is used ?
 (A) <html> ... </html>
 (B) <body> ... </body>
 (C) <base> ... </base>
 (D) <main> ... </main>
- 191) In HTML along with body tag, which attribute can be used ?
 (A) background color (B) text color
 (C) link color (D) All of these
- 192) Which tag is used to view book title, movie name etc ?
 (A) <cite> (B) <code>
 (C) <script> (D) <style>
- 193) Using <cite> tag the text appear in which format ?
 (A) bold (B) Under line
 (C) Italic (D) All of these
- 194) Which tag is used to display the text in computer programming code having require size ?
 (A) <cite> (B) <code>
 (C) <script> (D) <style>
- 195) Which tag is used to display the text in require style and an Italic ?
 (A) (B) <script>
 (C) <style> (D) <dfn>
- 196) To emphasis a text, which tag is used ?
 (A) (B) <tt>
 (C) <style> (D)
- 197) Which tag is used for to display the tag in require type and size ?
 (A) <cite> (B) <code>
 (C) (D) <style>
- 198) Which tag is used to display the header part in HTML document ?
 (A) <html> (B) <head>
 (C) <body> (D) <title>
- 199) In HTML, which tag is used to display the horizontal line ?
 (A) <hr> (B) <ruler>
 (C) <hruler> (D) <mruler>
- 200) Which attribute is used with <hr> tag ?
 (A) size, color (B) width, alignment
 (C) noshade (D) All of these

- 201) To display text in Italic style, which tag is used ?
 (A) <i> ... </i> (B) <i> ... </i>
 (C) <it> ... </it> (D) <it> ... </it>
- 202) To give link between document and other page, which tag is used ?
 (A) <link> (B) <style>
 (C) <dfn> (D) <meta>
- 203) To give author, keywords, description, purpose, to search engine and Utility program, which tag is used ?
 (A) <script> (B) <sub>
 (C) <meta> (D)
- 204) Using meta tag what information can be cited for search engine and other Utility program ?
 (A) Author (B) Keywords
 (C) Description, Purpose
 (D) All of these
- 205) Which tag is used to define client script ?
 (A) <sc> (B) <st>
 (C) <script> (D) <mscript>
- 206) Which tag is used to strike off the text ?
 (A) <strike> (B)
 (C) <tt> (D) <hr>
- 207) To display the text bold, which tag is used ?
 (A) <tt> (B)
 (C) <style> (D)
- 208) Which tag is used to define the document with different style ?
 (A) <meta> (B) <script>
 (C) <style> (D) <tt>
- 209) Out of following, which tag displays the text smaller than its previous letter and in lower line ?
 (A) <sub> (B) <sup>
 (C) <lower> (D) <down>
- 210) Out of following, which tag displays the text smaller than its previous letters and in bigger line ?
 (A) <sub> (B) <sup>
 (C) <upper> (D) <top>
- 211) Which of the following tag displays the text in typewriter format ?
 (A) <t> (B) <tw>
 (C) <tt> (D) <tw>
- 212) Which of the following tag draws a line at the bottom of the text ?
 (A) <t> (B) <u>
 (C) <style> (D) <dfn>

: Answers of the MCQs :

- | | | | | |
|---------|---------|---------|---------|---------|
| (155-A) | (156-D) | (157-C) | (158-D) | (159-C) |
| (160-A) | (161-D) | (162-C) | (163-A) | (164-D) |
| (165-C) | (166-B) | (167-D) | (168-A) | (169-C) |
| (170-B) | (171-D) | (172-A) | (173-C) | (174-A) |
| (175-B) | (176-A) | (177-B) | (178-B) | (179-C) |
| (180-B) | (181-A) | (182-D) | (183-B) | (184-C) |
| (185-A) | (186-C) | (187-B) | (188-A) | (189-C) |
| (190-B) | (191-D) | (192-A) | (193-C) | (194-B) |
| (195-D) | (196-A) | (197-C) | (198-B) | (199-A) |
| (200-D) | (201-B) | (202-A) | (203-C) | (204-D) |
| (205-C) | (206-A) | (207-D) | (208-C) | (209-A) |
| (210-B) | (211-C) | (212-B) | | |

EXERCISE

- | | |
|---|---|
| <p>1) Write a short note on head sections and meta tags used in it for an HTML document.
 Ans. For answer see point no. 2.1 and 2.3</p> <p>2) Explain how an image can be added on a web page background using HTML tag.
 Ans. For answer see point no. 2.7</p> <p>3) Explain color representation in electronic media. Also explain color coding schemes in brief.
 Ans. For answer see point no. 2.8</p> | <p>4) Explain horizontal line <hr /> element in HTML.
 Ans. For answer see point no. 2.11</p> <p>5) Explain font tag in HTML.
 Ans. For answer see point no. 2.13</p> <p>6) Explain how special characters will be presented using HTML.
 Ans. For answer see point no. 2.14</p> |
|---|---|

- 7) Choose the correct option from following :
- (1) Which of the following form basic two sections of an HTML code ?
 (A) Head and body
 (B) Physical and logical
 (C) Code and browser
 (D) Meta-tags and body
 - (2) The meta-tags in an HTML document are written in which of the following section ?
 (A) Body (B) Code
 (C) Head (D) Special
 - (3) Which of the following about a web page is described when a meta-tag is used in HTML page ?
 (A) Author, purpose and keywords
 (B) Layout
 (C) Style
 (D) Size
 - (4) Title of a web page is embedded within which of the following tag ?
 (A) <p> and </p>
 (B) <body> and </body>
 (C) <title> and </title>
 (D) <h1> and </h1>
 - (5) In which of the following sections can we add comments in HTML document ?

- (A) Head (B) Body
- (C) Both head and body
- (D) Either head or body
- (6) Which of the following is used to specify a color in HTML code ?
 (A) Color code in hexadecimal
 (B) Color code in decimal
 (C) Color mixing model
 (D) Pixel in percentage
- (7) Which of the following is used to set a visited link in HTML code ?
 (A) alink (B) vlink
 (C) before link (D) after link
- (8) Which of the following is used to set an active link in HTML code ?
 (A) alink (B) vlink
 (C) before link (D) after link
- (9) Which of the following are two broad classes of formatting character in HTML ?
 (A) Physical and logical
 (B) Internal and external
 (C) Temporary and permanent
 (D) Head and body

: Answers of the MCQs :

- (1 – A) (2 – C) (3 – A) (4 – C) (5 – C)
 (6 – A) (7 – B) (8 – A) (9 – A)



LABORATORY EXERCISE

- 1) Complete 'My School' website development project explained in the chapter.
Ans. Refer point no. 2.15 and 2.16 for designing a website. follow the instructions and screen shots.
- 2) Explore different websites of educational institute and study their design. Write a comment on these designs.
Ans. Glance the different organizations website and its creation, by self.
- 3) Develop a page about yourself. Describe about you, your family, your friends, your education goals and contact address. You may consider the design of page as follows.

I, me and myself...!

[About Me](#) [My Family](#) [My Friends](#) [My Goal](#) [Contact Me](#)

.....

..... you may write about yourself here....

.....

- Here all the underlined words are hyperlinks that link you to a different page. Also set active link and visited link property, light color background. This should be a complete website as we have developed earlier website for 'My School'.**
- Ans.** Refer point no. 2.15 and 2.16 and follow the instruction given for same.

- 4) Go to <http://www.w3schools.com/>, find out HTML section from the menu and experiment "try it yourself". This page is an editor that takes your html code and presents a view of the webpage as if it is viewed in a browser.

Ans. Visit the website <http://www.w3school.com/> on its home page to learn the different HTML sections, Try the code "Try it yourself" which displays the HTML code as if one is looking the same in a browser.

The screenshot shows a Mozilla Firefox browser window displaying the 'Introduction to HTML' page on w3schools.com. The browser's address bar shows the URL www.w3schools.com/html/html_intro.asp. The page content includes a navigation menu on the left with links such as 'HTML Basic', 'HTML HOME', 'HTML Introduction', 'HTML Editors', 'HTML Basic', 'HTML Elements', 'HTML Attributes', 'HTML Headings', 'HTML Paragraphs', 'HTML Formatting', 'HTML Links', 'HTML Head', 'HTML CSS', 'HTML Images', 'HTML Tables', 'HTML Lists', 'HTML Blocks', 'HTML Layout', 'HTML Forms', 'HTML Iframes', 'HTML Colors', 'HTML Colornames', 'HTML Colorvalues', 'HTML JavaScript', 'HTML Entities', and 'HTML IIRI Encode'. The main content area is titled 'HTML Introduction' and features a 'Try it yourself' section with a code editor. The code editor contains the following HTML code:

```

<!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>

My first paragraph.

</body>
</html>

```

Below the code editor is a 'Try it yourself >>' button. The page also includes a 'KOOVS' advertisement and a 'CELEBRITY COLLECTION' advertisement.

Figure 2.23 : The "Try it yourself" section for experimental direction

