

Hyper Text Markup Language Handbook

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HTML Basics

1.

<!-- html basic program to demonstrate structure of html page- →

```
<html>
  <head>
    <title></title>

  </head>
  <body>

  </body>
</html>
```

2.

<!-- html program to demonstrate text attribute of body tag-->

```
<html>
  <head>
    <title></title>
  </head>
  <body text="blue">
    All the text on the page will appear in blue color
  </body>
</html>
```

3.

<!-- html program to demonstrate topmargin attribute of body tag-->

```
<html>
  <head>
    <title></title>

  </head>
  <body topmargin="40">
    the text will be aligned after leaving 40 spaces from the top
  </body>
</html>
```

4.

<!-- html program to demonstrate leftmargin attribute of body tag-->

```
<html>
  <head>
```

```
<title></title>
```

```
</head>
```

```
<body leftmargin=40>
```

the text will be aligned after leaving 40 spaces from the left

```
</body>
```

```
</html>
```

5.

<!-- html program to demonstrate bgcolor attribute of body tag-->

```
<html>
```

```
<head>
```

```
<title></title>
```

```
</head>
```

```
<body bgcolor="blue">
```

```
</body>
```

```
</html>
```

6.

<!-- html program to demonstrate background attribute of body tag-->

```
<html>
```

```
<head>
```

```
<title></title>
```

```
</head>
```

```
<body background="background.jpg">
```

```
</body>
```

```
</html>
```

7.

<!-- html program to demonstrate i tag or italics tag-->

```
<html>
```

```
<head>
```

```
<title></title>
```

```
</head>
```

```
<body>
```

```
<b>this text will appear in bold</b>
```

```
</body>
```

```
</html>
```

8.

<!-- html program to demonstrate i tag or italics tag-->

```
<html>
  <head>
    <title></title>
  </head>
  <body>
    <i>this text will appear in italics</i>
  </body>
</html>
```

9.

<!-- html program to demonstrate u tag or underline tag-->

```
<html>
  <head>
    <title></title>
  </head>
  <body>
    <u>this text will be underlined</u>
  </body>
</html>
```

10.

<!-- html program to demonstrate br tag-->

```
<html>
  <head>
    <title></title>

  </head>
  <body>
    This is line 1
    <br>this is line 2
    <br>br tag is used to give space between two lines
  </body>
</html>
```

11.

<!-- html program to demonstrate title tag-->

```
<html>
  <head>
    <title>Example of HTML Page</title>

  </head>
  <body>

  </body>
</html>
```

12.

```
<!-- html program to demonstrate hr tag-->
```

```
<html>
  <head>
    <title></title>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
  </head>
  <body>
    hr tag is used to give horizontal line
    <hr>
    text below line
    <hr width="75%" color="blue">
  </body>
</html>
```

13.

```
<!-- html program to demonstrate center tag-->
```

```
<html>
  <head>
    <title></title>
  </head>
  <body>
    <center>this text will appear in center</center>
  </body>
</html>
```

14.

```
<!-- html program to demonstrate typewriter tag or tt tag-->
```

```
<html>
  <head>
    <title></title>
```

```

        </head>
    <body>
        <tt>this text will appear in</tt>
    </body>
</html>

```

15.

```

<!--html program to demonstrate paragraph tag -->
<html>
    <head>
        <title></title>

    </head>
    <body>
        <p align="left">this is paragraph 1 aligned to left</p>
        <p align="right">this is paragraph 2 aligned to right</p>
        <p align="center">this is paragraph 3 aligned to center</p>
    </body>
</html>

```

16.

```

<!--html program to demonstrate subscript tag or sub tag →
<html>
    <head>
        <title></title>
    </head>
    <body>
this tag is used to display text slightly below the rest of the content
    <br>
    H<sub>2</sub>O
    <br>
    CO<sub>2</sub>
    </body>
</html>

```

17.

```

<!--html program to demonstrate superscript tag or sup tag -->
<html>
    <head>
        <title></title>
    </head>
    <body>
this tag is used to display text slightly above the rest of the content
    <br>
    2<sup>3</sup>=8

```

```
<br>
5<sup>3</sup>=125
</body>
</html>
```

18.

```
<!--html program to demonstrate comment tag -->
```

```
<html>
  <head>
    <title></title>
  </head>
  <body>

    <!--
This is a comment, this will not be displayed on the web page
-->
  </body>
</html>
```

19.

```
<!--html program to demonstrate font tag -->
```

```
<html>
  <head>
    <title></title>

  </head>
  <body>
    <font>this will appear in font tag</font>
    <br>

  </body>
</html>
```

20.

```
<!--html program to demonstrate color attribute of font tag -->
```

```
<html>
  <head>
    <title></title>

  </head>
  <body>

    <font color="blue">this will appear in blue color</font>
```

```
<br>
```

```
</body>  
</html>
```

21.

```
<!--html program to demonstrate face attribute of font tag -->
```

```
<html>  
  <head>  
    <title></title>
```

```
</head>  
<body>
```

```
  <font face="Times New Roman">this will appear in times new roman font</font>
```

```
</body>  
</html>
```

22.

```
<!--html program to demonstrate size attribute of font tag -->
```

```
<html>  
  <head>  
    <title></title>
```

```
</head>  
<body>
```

```
  <font size="+2">this will appear in size 2 times greater than normal size </font>
```

```
</body>  
</html>
```

23.

```
<!--html program to demonstrate font,face and size attribute of font tag  →
```

```
<html>  
  <head>  
    <title></title>
```

```
</head>  
<body>
```


`this will appear in times new roman font,
color will be red and size will be 2 times greater than normal size`

`</body>
</html>`

24.

`<!--html program to demonstrate h1 tag -->`

`<html>
 <head>
 <title></title>`

`</head>`

`<body>`

`<h1>This is Heading 1 Tag</h1>`

`</body>`

`</html>`

25.

`<!--html program to demonstrate h2 tag -->`

`<html>
 <head>
 <title></title>`

`</head>`

`<body>`

`<h2>This is Heading 2 Tag</h2>`

`</body>`

`</html>`

26.

`<!--html program to demonstrate h3 tag -->`

`<html>
 <head>
 <title></title>`

`</head>`

`<body>`

`<h3>This is Heading 3 Tag</h3>`

`</body>`

```
</html>
```

27.

```
<!--html program to demonstrate h4 tag -->
```

```
<html>
```

```
  <head>
```

```
    <title></title>
```

```
  </head>
```

```
  <body>
```

```
    <h4>This is Heading 4 Tag</h4>
```

```
  </body>
```

```
</html>
```

28.

```
<!--html program to demonstrate h5 tag -->
```

```
<html>
```

```
  <head>
```

```
    <title></title>
```

```
  </head>
```

```
  <body>
```

```
    <h5>This is Heading 5 Tag</h5>
```

```
  </body>
```

```
</html>
```

29.

```
<!--html program to demonstrate h6 tag -->
```

```
<html>
```

```
  <head>
```

```
    <title></title>
```

```
  </head>
```

```
  <body>
```

```
    <h6>This is Heading 6 Tag</h6>
```

```
  </body>
```

```
</html>
```

30.

```

<!--html program to demonstrate link tag or a tag -->
<html>
  <head>
    <title></title>

  </head>
  <body>
    <a href="http://www.html.org">Link to website www.html.org</a>
    <br>
    <br>
    <br>
    <a href="page1.html">link to page1.html</a>
  </body>
</html>

```

31.

```

<!--html program to demonstrate img tag -->
<html>
  <head>
    <title></title>

  </head>
  <body>
    
    <br>
    <br>
    <br>
    
    <br><br>
    the image displayed below is a link to website www.html.org
    <br><br>
    <a href="http://www.html.org"></a>
  </body>
</html>

```

32.

```

<!--html program to insert special characters like less than or greater than -->
<html>
  <head>
    <title></title>
  </head>
  <body>

    &lt;abcdef&lt;

    &gt;abcdef&gt;

    &amp;

```

```
    </body>
</html>
```

HTML Lists

33.

```
<!-- html program to demonstrate unordered list ul tag-->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <ul>
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
</ul>
  </body>
</html>
```

34.

```
<!-- html program to demonstrate type attribute of ul tag unordered list-->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <ul type="circle">
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
</ul>
    <ul type="disc">
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
</ul>
    <ul type="square">
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
</ul>
  </body>
</html>
```

35.

```
<!-- html program to demonstrate ordered list ol tag-->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <ol>
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
    </ol>
  </body>
</html>
```

36.

```
<!-- html program to demonstrate start attribute of ol tag-->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <ol start=10>
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
    </ol>
  </body>
</html>
```

37.

```
<!-- html program to demonstrate type attribute of ol tag-->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <ol type="i">
<li>abcdef</li>
<li>abcxyz</li>
<li>qwerty</li>
    </ol>
  </body>
</html>
```

38.

```
<!-- html program to demonstrate nested li tag -->
<html>
  <head>
    <title></title>
  </head>
  <body>
<ol type="1">
<li>
  <ol type="1">colours
<li>red</li>
<li>green</li>
<li>orange</li>
</ol>
</li>
<li>
<ol type="1">fruits
<li>mango</li>
<li>orange</li>
<li>apple</li>
<li>grapes</li>
</ol>
</li>
</ol>
  </body>
</html>
```

39.

```
<!-- html program to demonstrate definition list dl tag -->
<html>
  <head>
    <title></title>
  </head>
  <body>
    <dl>
<dt>mango</dt>
<dd>mango is a fruit</dd>
<dt>pen</dt>
<dd>to write on paper</dd>
</dl>
  </body>
</html>
```

HTML Tables

40.

```
<!-- html program to demonstrate table tag-->
<html>
```

```

<head>
  <title></title>

</head>
<body>
  <table>
    <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
    <tr><td>1</td><td>abcdef</td><td>89</td></tr>
    <tr><td>2</td><td>xyzret</td><td>87</td></tr>
    <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
    <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
  </table>

</body>
</html>

```

41.

```

<!-- html program to demonstrate table header tag or th tag-->
<html>
  <head>
    <title></title>

  </head>
  <body>
    <table>
      <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
      <tr><td>1</td><td>abcdef</td><td>89</td></tr>
      <tr><td>2</td><td>xyzret</td><td>87</td></tr>
      <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
      <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>

  </body>
</html>

```

42.

```

<!-- html program to demonstrate align attribute of table tag-->

<html>
  <head>
    <title></title>

  </head>
  <body>
    <br>
    align attribute of tag table can be set to center,left and right
    <br>

```

```

<table align="center">
  <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
  <tr><td>1</td><td>abcdef</td><td>89</td></tr>
  <tr><td>2</td><td>xyzret</td><td>87</td></tr>
  <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
  <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
</table>
</body>
</html>

```

43.

<!-- html program to demonstrate bgcolor attribute of table tag-->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    <br>
    bgcolor attribute of tag table is used to set the background color of table
    <br>
    <table bgcolor="blue">
      <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
      <tr><td>1</td><td>abcdef</td><td>89</td></tr>
      <tr><td>2</td><td>xyzret</td><td>87</td></tr>
      <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
      <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
  </body>
</html>

```

44.

<!-- html program to demonstrate border attribute of table tag-->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    table with border
    <br>
    <br>
    <table border="1">
      <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
      <tr><td>1</td><td>abcdef</td><td>89</td></tr>

```



```

        <tr><td>2</td><td>xyzret</td><td>87</td></tr>
        <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
        <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
    <br>
    table without border
    <br><br>
    <table border="0">
        <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
        <tr><td>1</td><td>abcdef</td><td>89</td></tr>
        <tr><td>2</td><td>xyzret</td><td>87</td></tr>
        <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
        <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
</body>
</html>

```

45.

<!-- html program to demonstrate bordercolor attribute of table tag-->

```

<html>
<head>
    <title></title>

</head>
<body>
    <br>
    bordercolor attribute of tag table is used to set the color of the border of the table
    <br>
    <table bordercolor="red" border="1">
        <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
        <tr><td>1</td><td>abcdef</td><td>89</td></tr>
        <tr><td>2</td><td>xyzret</td><td>87</td></tr>
        <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
        <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
</body>
</html>

```

46.

<!-- html program to demonstrate cellpadding attribute of table tag-->

```

<html>
<head>
    <title></title>

</head>

```

```
<body>
<br>
```

cellpadding attribute of table tag is used to set the amount of space that should appear between the data in the cells and the cell walls of the table

```
<br>
```

```
<table cellpadding="10">
  <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
  <tr><td>1</td><td>abcdef</td><td>89</td></tr>
  <tr><td>2</td><td>xyzret</td><td>87</td></tr>
  <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
  <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
</table>
```

```
</body>
```

```
</html>
```

47.

```
<!-- html program to demonstrate cellspacing attribute of table tag-->
```

```
<html>
```

```
<head>
```

```
<title></title>
```

```
</head>
```

```
<body>
```


 you can also set the cells of table to appear after leaving a specific amount of spaces between them, cellpadding attribute is used to specify the space which is to be left between the cells

```
</br>
```

```
<table cellpadding="50">
  <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
  <tr><td>1</td><td>abcdef</td><td>89</td></tr>
  <tr><td>2</td><td>xyzret</td><td>87</td></tr>
  <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
  <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
</table>
```

```
</body>
```

```
</html>
```

48.

```
<!-- html program to demonstrate width attribute of table tag-->
```

```
<html>
```

```
<head>
```

```
<title></title>
```

```
</head>
```

```

<body>
  <br>

  <br>
  <table width="50%" border="1">
    <tr align="center"><td>Roll no</td><td>Name</td><td>Marks</td></tr>
    <tr align="right"><td>1</td><td>abcdef</td><td>89</td></tr>
    <tr align="right"><td>2</td><td>xyzret</td><td>87</td></tr>
    <tr align="right" ><td>3</td><td>xyzabc</td><td>90</td></tr>
    <tr align="right"><td>4</td><td>xyzxyz</td><td>80</td></tr>
  </table>
</body>
</html>

```

49.

<!-- html program to demonstrate align attribute of tr tag-->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    <br>

    <br>
    <table width="50%" border="1">
      <tr align="center"><td>Roll no</td><td>Name</td><td>Marks</td></tr>
      <tr align="right"><td>1</td><td>abcdef</td><td>89</td></tr>
      <tr align="right"><td>2</td><td>xyzret</td><td>87</td></tr>
      <tr align="right" ><td>3</td><td>xyzabc</td><td>90</td></tr>
      <tr align="right"><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
  </body>
</html>

```

50.

<!-- html program to demonstrate valign attribute of tr tag-->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    <br>

```

```

<br>
<table width="50%" height="75%" border="1">
  <tr valign="top"><td>Roll no</td><td>Name</td><td>Marks</td></tr>
    <tr valign="top"><td>1</td><td>abcdef</td><td>89</td></tr>
    <tr valign="top"><td>2</td><td>xyzret</td><td>87</td></tr>
    <tr valign="top"><td>3</td><td>xyzabc</td><td>90</td></tr>
    <tr valign="top"><td>4</td><td>xyzxyz</td><td>80</td></tr>
  </table>
</body>
</html>

```

51.

<!-- html program to demonstrate valign attribute of table tag -->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    <br>
    <table valign="top">
      <tr><th>Rollno</th><th>Name</th><th>Marks</th></tr>
      <tr><td>1</td><td>abcdef</td><td>89</td></tr>
      <tr><td>2</td><td>xyzret</td><td>87</td></tr>
      <tr><td>3</td><td>xyzabc</td><td>90</td></tr>
      <tr><td>4</td><td>xyzxyz</td><td>80</td></tr>
    </table>
  </body>
</html>

```

52.

<!-- html program to demonstrate width and height attribute of table tag -->

```

<html>
  <head>
    <title></title>

  </head>
  <body>
    width attribute of table tag is used to specify the width of table
    <br>
    height attribute of table tag is used to specify the height of table
    <br>

```

if these attributes are set as absolutes ,they are calculated in pixels

if these attributes are set as percentages, their values are percentages of the height and width of the entire document

<table height="400" width="500">

<tr><td>Rollno</td><td>Name</td><td>Marks</td></tr>

<tr><td>1</td><td>abcdef</td><td>89</td></tr>

<tr><td>2</td><td>xyzret</td><td>87</td></tr>

<tr><td>3</td><td>xyzabc</td><td>90</td></tr>

<tr><td>4</td><td>xyzxyz</td><td>80</td></tr>

</table>

</body>

</html>

HTML Forms

53.

<!-- html program to demonstrate form with a textbox-->

<html>

<head>

<title></title>

</head>

<body>

here action of form indicates the php file that will process the form

<form action="process.php" method="get" name="form1">

Username : <input type="text" name="username" maxlength="50" value="abcdef">

<input type="submit" value="Submit">

</form>

</body>

</html>

54.

<!-- html program to demonstrate form with a password field-->

<html>

<head>

<title></title>

</head>

<body>

<form action="process.php" method="get" name="form1">

Username : <input type="text" name="username" maxlength="50" value="abcdef">


```

        Password : <input type="password" name="pass1">
        <br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>

```

55.

```

<!-- html program to demonstrate form with a textarea-->
<html>
    <head>
        <title></title>

    </head>
    <body>
        <form action="process.php" method="get" name="form1">
            Message Body :
            <br><textarea rows="10" cols="50" name="message">Message can be written here</textarea>
            <br>
            <input type="submit" value="Submit">
        </form>
    </body>
</html>

```

56.

```

<!-- html program to demonstrate form with a checkbox -->
<html>
    <head>
        <title></title>

    </head>
    <body>
        to set the value of checkbox as checked , mention the "checked" attribute<br>
        <br><br><br>
        <form action="process.php" method="get" name="form1">
            Select the Games You Play :<br>
            <input type="checkbox" name="cricket" checked>Cricket
            <br>
            <input type="checkbox" name="tennis">Tennis
            <br>
            <input type="checkbox" name="tabletennis">Table Tennis
            <br>
            <input type="checkbox" name="football" checked>Football
            <br>
            <input type="submit" value="Submit">
        </form>

```

```
</body>
</html>
```

57.

```
<!-- html program to demonstrate form with a radiobutton -->
<html>
  <head>
    <title></title>

  </head>
  <body>
    To include radio buttons in your form
    the names of the radio buttons that belong to one group should be same
    <br>
    only one of the radio buttons can be selected at a time
    <br>

    for example
    <br>
    in the example given below name of both radio buttons is set to "gender" because they belong to
    same group gender
    <form action="process.php" method="get" name="form1">
      Select Your Gender :
      <br>
      Male : <input type="radio" name="gender" value="male">
      <br>
      Female : <input type="radio" name="gender" value="female">
      <br>
      <input type="submit" value="Submit">
    </form>
  </body>
</html>
```

58.

```
<!-- html program to demonstrate form with a listbox -->
<html>
  <head>
    <title></title>

  </head>
  <body>
    <br> Date of Birth :<br>
    <form action="process.php" method="get" name="form1">
Month :
  <select name="month" >
    <option value="" SELECTED >- Select Month -</option>
    <option value="1" >January</option>
```

```

        <option value="2" >February</option>
        <option value="3" >March</option>
        <option value="4" >April</option>
        <option value="5" >May</option>
        <option value="6" >June</option>
        <option value="7" >July</option>
        <option value="8" >August</option>
        <option value="9" >September</option>
        <option value="10" >October</option>
        <option value="11" >November</option>
        <option value="12" >December</option>
    </select>

<br>
<input type="submit" value="submit">
    </form>
</body>
</html>

```

59.

<!-- html program to demonstrate form with a hidden field -->

```

<html>
    <head>
        <title></title>

    </head>
    <body>
        hidden type of input in form is included to indicate data which is not to be displayed on the form
        but is required for processing on the php page
        <form action="process.php" method="get" name="form1">
            <input type="hidden" value="data to be processed by the php page" name="hiddendata">
            <input type="submit" value="submit">
        </form>
    </body>
</html>

```