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| **HTML NOTES** |

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| **Tag** | **<html></html>** |
| **Description** | The <html> tag tells the browser that it is an html document.The <html> tag represent the root of an HTML document.  The <html> tag is the container for all other HTML elements(except for the <!DOCTYPE> tag. |
| **Structure** | <html> <head> <title> Label </title></head>  <body>MESSAGE</body> </html> |
| **Examble** | <html> <head> <title> My First Page </title></head>  <body> WELCOME TO HTML </body> </html> |

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| **Colour** | To create colour we have to use RGB system. Html uses Hexa Decimal number system (A-F , 0 -9) | |
| **Examble** | #FFFFFF -> White Colour  #000000 -> Black Colour  #FF0000 -> Red Colour | #00FF00 -> Green Colour  #ABCDEF -> ? |

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| **Tag** | **<body> </body>** | |
| **Properties** | bgcolor="Colour"  text="Colour"  background="Image File"  leftmargin=pixel  topmargin=pixel | link="Colour"  alink="Colour"  vlink="Colour"  bgproperites=fixed |
| **Examble** | <body bgcolor="#ABCDEF" text="red" background="Image/blue hills.jpg" leftmargin=0 topmargin=0 bgproperties=fixed >WELCOME TO HTML </body> | |

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| **Tag** | **<center> </center>** |
| **Description** | To align the text/image to the center of page |
| **Examble** | <center> GCT </center> |

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| **Tag** | **<h> </h> (Heading)** |
| **Description** | It is used to give heading to the page. ? mark should be replaced by any  number from 1 to 6. 1 means largest size, 6 means smallest |
| **Properties** | align=left/right/center |
| **Examble** | <h1 align=center> GCT </h1> <h6 align=center> GCT </h6> |

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| **Tag** | **<p> </p> (Paragraph)** |
| **Description** | It is used to create new paragraph. |
| **Properties** | align=left/right/center/justify |
| **Examble** | <p align=justify> Hello Student! how are you?. type more</p> |
| **Tag** | **<pre> </pre> (Preformat)** |
| **Description** | It is used to display the text as it has typed in the editor |
| **Examble** | <pre> Hello Student  How  R U  ?  </pre> |

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| **Tag** | **<font> </font>** | |
| **Description** | It is used to change the font, size and colour of the text | |
| **Properties** | size=Number (1 to 7)  color="Colour" | face="Font Name" |
| **Examble** | <font face="System" color="Blue" size=7> WELCOME </font> | |

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| **Basic Tags** | Following are some commonly used TAGS to design the web page. | | | |
| **Examble** | <b> Bold </b> | <i> *Italic* </i> | | <u> Underline </u> |
|  | <big>Big</big> | <small>Small</small> | | <em>Emphasis</em> |
|  | <strong>Strong</strong> | <dfn>Definition</dfn> | | <s> ~~Strike through~~</s> |
|  | <code> computer code</code> | <kbd>Keyboard input</kbd> | | <var>Variable</var> |
|  | Water is H<sub>2</sub>O | | A<sup>2</sup>= A X A | |
|  | Non breakable Space | | A &nbsp; &nbsp; &nbsp;B | |
|  | Lesserthan(<) & Greater Than(>) | | &lt; and &gt; | |
|  | Copy Right ©, Register®, etc | | &copy; , &reg; , etc | |

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| **Tag** | **<img>** | |
| **Description** | To display Image / Movie on the web page | |
| **properties** | src="Image File Name"  width=% / pixel  height=% / pixel  border= Number  align=left/right | alt="Alternate message"  usemap="#mapname"  dynsrc="Movie file Name" loop=Number (-1 for infinite) |
| **Examble** | <img src="Image/sunset.jpg" width=25% height=50% border=2 alt="Sun Set" align=right> | |
| **Examble** | <img dynsrc="Movie/baby.wmv" width=75% height=50% loop=-1> | |

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| --- | --- | --- |
| **Tag** | **<bgsound>** | |
| **Description** | It is used to play background music | |
| **properties** | src="Sound File Name" | loop=Number (-1 for infinite) |
| **Examble** | <bgsound src="Sound/mytune.wav" loop=-1> | |

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| **Tag** | **<embed></embed>** | |
| **Description** | It is used to play music or movie with control | |
| **properties** | src="File Name" width=% / pixel  height=% / pixel volume=Number (0 is louder) Autostart=true/false  mute=true/false loop=true/false  hidden=true/false playcount=number | <embed src="movie1.wmv" autostart="false" hidden="false"  volume="25" mute="false"  playcount="2" loop="true"  height="300" width="300"/> |

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| **Tag** | **<marquee></marquee>** | |
| **Description** | It is used to move text or image | |
| **Properties** | width=%  height=%  bgcolor="Colour"  behavior=scroll | direction=left/right/up/down loop=Number (by default it is infinite)  scrollamount=Number (Gap between 2 jump)  scrolldelay=Number (speed) |
| **Examble** | <marquee direction=up width=50% height=75% bgcolor=yellow  behavior=alternate loop=3> <font size=7 color=blue> <center>GCT</center> </font> </marquee> | |

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| **Tag** | **<a> </a>** |
| **Description** | It is used to link the pages. |
| **Properties** | href="Link file name" (Hyper reference)  name="Any Name"  target=target name |
| **Examble** | <a name=up></a><p align=right> <a href="#down"> Go Bottom </a></p><ahref="Assignment.html">Assignment</a>  <br><br><br><br><br> <a href="image.html">Image</a> <br><br><br><br><br> <a href="sound.html">Sound</a> <br><br><br><br><br><a href="marquee.html">Marquee</a> <br><br><br><br><br><a href="Image/Winter.jpg"> <img src="Image/Winter.jpg" width=10%> </a><br><br><br><br><br>  <a href="http://Www.hotmail.com"> GOTO HOTMAIL </a> <br><br><br><br><br>  <a href="mailto:addicted2mua@hotmail.com"> Email Me </a>  <a name=down></a>  <p align=right> <a href="#up"> Go Top </a></p> |

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| **Tag** | **<map> </map>** |
| **Properties** | name="Any Name" |

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| **Tag** | **<area>** |
| **Properties** | shape=circle/rect/poly coords="Cordinates" href="File Name" |
| **Examble** | <img src="Image/Water lilies.jpg" usemap="#myMap">  <map name=myMap><area shape="rect" coords="110,130,350,320" href="image.html"><area shape="circle" coords="520,220,50" href="marquee.html"> <area shape="poly" coords="703,83,695,146,707,163,727,163,718,103"  href="Table.html"></map> |

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| **Tab** | **<ol> </ol>** |
| **Properties** | type=1/A/a/I/I  start=Number |

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| **Tab** | **<ul> </ul>** |
| **Properties** | type=disc/circle/square |

|  |  |  |
| --- | --- | --- |
| **Tab** | **<li> </li>** | |
| **Properties** | type=disc/circle/square/1/A/a/I/i | |
| **Examble** | Input | Output |
|  | <ol type=A start=24> <li>Mango</li>  <li type=a>Apple</li> <li>Banana</li><ol> | X. Mango  Y. Apple  Z. Banana |
|  | <ul type=circle> <li>Mango</li>  <li>Apple</li> <li>Banana</li> </ul> | o Mango  o Apple  o Banana |
|  | <ol type=I> <li>OS</li> <ol type=i><li>DOS</li><li>WINDOWS  </li></ol> <li>Languages</li>  <ul type=circle> <li>C</li>  <li>C++</li> </ul></ol> | I OS  i DOS  ii WINDOWS  II Languages  o C  o C++ |

**HTML TABLE**

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| **Tag** | **Description** | **Properties.** |
| **<table>**  **</table>** | To Create Table | width=% / pixels  height=% / pixels  align=left/center/right  bgcolor="Colour"  background="Image File"  border=Number  borderColor="Colour"  borderColorlight="Colour"  borderColordark="Colour"  cellspacing=number  cellpadding=Number |
| **<tr></tr>** | To Table Row | align=left/center/right valign=top/middle/bottom  bgcolor="Colour" |
| **<th></th>** | To Give Table Heading | align=left/center/right valign=top/middle/bottom bgcolor="Colour" colspan=Number  rowspan=Number |
| **<td></td>** | To Add Data In Table | Same as <TH> |
| **<caption>**  **</caption>** |  | align=top/bottom/left/right |

**Examble**

<table border=0 width=50% align=center bgcolor=bisque bordercolordark=red bordercolorlight=blue cellspacing=0 cellpadding=10>

<tr><th colspan=5>Mark Sheet</th> </tr>

<tr><th rowspan=5>N<br>A<br>T<br>I<br>O<br>N<br>A<br>L</th>

</tr>

<tr><th>Name</th><th>English</th><th>Maths</th><th>Total</th>

</tr><tr bgcolor=yellow> <td>GCT</td><td>0</td><td>100</td><td>100</td>

</tr>

<tr valign=top>

<td height=100>George</td><td>40</td><td>50</td><td>90</td>

</tr>

<tr><td>Sheina</td><td>50</td><td>35</td><td>85</td>

</tr>

<tr><td colspan=4>Grand Total</td><td bgcolor=green>275</td>

</tr><caption align=bottom>Table I</caption> </table>

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**To create a form**

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| --- | --- |
| **Tag** | **Properties** |
| **<form></form>** | name=AnyName  method=post/get  action="Filename" |
| **<input>** | name=anyName  type=text/password/radio/checkbox/button/submit/reset/hidden/file  size=number maxlength=Number value="Default Value" readonly checked |
| **<textarea>**  **</textarea>** | name=anyName rows=Number cols=Number |
| **<select></select>** | name=anyName size=Number Multiple |
| **<option></option>** | Selected value="Value" |

**Examble**

<form name=myForm action="" method=post>

Name :- <input type=text name=myName size=25 maxlength=20 value="GCT">

Password:- <input type=password name=myPass>

Age :- <input type=text name=myAge size=3 maxlength=2>

Gender :- <input type=radio name=myGen value="M" checked>Male <input

type=radio name=myGen value="F">FeMale

Hobbies :- <input type=checkbox name=myHob value="R" checked>Reading

<input type=checkbox name=myHob value="D" checked>Dancing <input

type=checkbox name=myHob value="S">Singing <input type=checkbox name=myHob

value="M">Music

Address :- <textarea name=myAdd rows=3 cols=20></textarea>

City : <select name=myCity>

<option value="M"> Mumbai </option>

<option value="D"> Delhi </option>

<option value="K" selected> Kolkota </option>

<option value="C"> Chennai </option>

</select>

State : <select name=myState size=3 multiple>

<option value="M"> Maharashtra </option>

<option value="D"> Delhi </option>

<option value="W" selected> W. Bengal </option>

<option value="T"> Tamilnadu </option>

</select>

Attachment :- <input type=file name="myAttach">

<input type=submit value="Send"><input type=reset value="Clear"><input type=button value="Click Me">

<input type=hidden name=myHid value="Secret code">

</form>

**To Create Frame**

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| **Tag** | **Properties** |
| **<frameset></frameset>** | rows=number / %, number/%, .... cols=number / %, number/%, .... framespacing=Number frameborder=Number |
| **<frame>** | src="File Name" name=FrameName noresize scrolling=no |

***Example***

<html>

<head>

<title> COLOURS </title>

</head> <frameset rows=10%,\* framespacing=0 frameborder=0>

<frame src=colour.html name=up scrolling=no noresize>

<frameset cols=10%,\*>

<frame src=links.html name=left scrolling noresize>

<frame src=mainpage.html name=right>

</frameset>

</frameset>

<body>

<noframe> YOUR BROWSER DOES NOT SUPPORT FRAME </noframe>

</body> </html>

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| **Tag** | **Example** |
| **<fieldset></fieldset>** | <form name=myform method=post action=register.asp>  <fieldset style="width:200; height:100;padding:2">  <legend>Group 1</legend>  <input type="radio" name=r1 value=v1 checked> Button 1<br>  <input type="radio" name=r1 value=v2 > Button 2<br>  <input type="radio" name=r1 value=v3 > Button 3<br>  </fieldset> &nbsp;  <fieldset style="width:200; height:100;padding:2">  <legend>Group 3</legend>  <input type="checkbox" name=c1 value=a1 > Button 1<br>  <input type="checkbox" name=c2 value=a2 > Button 2<br>  <input type="checkbox" name=c3 value=a3 > Button 3<br>  </fieldset>  <form name=myForm>  <fieldset style="width:200 ;height:100;padding:2">  <legend>Group 1</legend>  <input type=radio name=r1 value=v1 checked>Button 1<br>  <input type=radio name=r1 value=v2>Button 2<br>  <input type=radio name=r1 value=v3>Button 1<br>  </fieldset>&nbsp;  <fieldset style="width:200 ;height:100;padding:2">  <legend>Group 3</legend>  <input type=checkbox name=c1 value=o1 >Button 1<br>  <input type=checkbox name=c2 value=o2 >Button 2<br>  <input type=checkbox name=c3 value=o3 >Button 3<br>  </fieldset>  </form> |
| **<legend>Label</legend>** |

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| **Tag** | ***Description*** | ***Example*** | |
| **<dl> </dl>** | The <dl> tag defines a description list. The <dl> tag is used in conjunction with <dt> | <dl>  <dt>Coffee</dt>  <dd>Black hot drink</dd>  <dt>Milk</dt>  <dd>White cold drink</dd>  </dl> | *Output*  Coffee  Black hot drink  Milk  White cold drink |
| **<dt>HEADING</dt>** | <dt> (defines terms/names) |
| **<dd>MESSAGE</dd>** | <dd> (describes each term/name). |

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| **Tag** | **Description** | **Example** | | |
| **<address></address>** | To wirte WRITE ADDRESS | <address>  Written by <a href="mailto:wash\_ing\_ton@yahoo.com">George</a>.<br>  Visit us at:  Powai Plaza,<br>  Powai, <br>  Mumbai </address> | | *Output*  Written by George.  Visit us at: Powai Plaza,  Powai,  Mumbai |
| **<tt></tt>** | The TT tag creates teletype or monospaced fonts of the enclosed text. | <p>This text is normal.</p><p><tt>This text is teletype text.</tt></p> | output  You can see the differance in the browser only | |

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| **Tag** | **Description** | **Example** |
| **<meta>** | Metadata is data (information) about data.  The <meta> tag provides metadata about the HTML document. Metadata will not be displayed on the page, but will be machine parsable.  Meta elements are typically used to specify page description, keywords, author of the document, last modified, and other metadata.  The metadata can be used by browsers (how to display content or reload page), search engines (keywords), or other web services.  Tips and Notes  *Note*  <meta> tags always goes inside the <head> element. | *Example 1* Define keywords for search engines:  <meta name="keywords" content="HTML, CSS, XML, XHTML, JavaScript">  *Example 2* Define a description of your web page:  <meta name="description" content="Free Web tutorials on HTML and CSS">  *Example 3* Define the author of a page:  <meta name="author" content="Hege Refsnes">  *Example 4*  Refresh document every 30 seconds:  <meta http-equiv="refresh" content="30"> |

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| **Tab** | **Description** | **Properties** | **Example** |
| **<applet></apple>** | The <applet> tag defines an embedded applet. | name="Applet Name"  code="Java Applet Name"align=left/right/top/bottom/middle/baseline  alt="text” height="Number"  width="Number  hspace="Number"  vspace="Number" | <applet code="Bubbles.class" width="350" height="350">  Java applet that draws animated bubbles.  </applet> |
| **<param></param>** |  | name="Any Name"  value="Value" | <applet code="Bubbles.class" width="350" height="350">  <param name=bubblesize value="10"></applet> |