

# 11<sup>th</sup> STD COMPUTER APPLICATION NOTES

## LN: 10&11 - HTML TAGS

| Tags                                                                    | Purpose                                                                            | Examples                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;html&gt;</code><br><br><code>&lt;/html&gt;</code>             | To turn-on a feature such as heading,bold,center etc.<br>To turn-off its features. | <code>&lt;html&gt;</code><br><code>&lt;head&gt; my webpage &lt;/head&gt;</code><br><code>&lt;body&gt;</code><br><code>“WELCOME TO HOMEPAGE”</code><br><code>&lt;/body&gt;</code><br><code>&lt;/html&gt;</code>                                                                                                                                    |
| <code>&lt;head&gt;</code><br>....<br>....<br><code>&lt;/head&gt;</code> | To show the title of a webpage                                                     | <code>&lt;head&gt;</code><br><code>&lt;title&gt; my web page &lt;/title&gt;</code><br><code>&lt;/head&gt;</code>                                                                                                                                                                                                                                  |
| <code>&lt;body&gt;</code><br>....<br>....<br><code>&lt;/body&gt;</code> | To display the main content on the browser window.                                 | <code>&lt;body&gt;</code><br>This is my first webpage.<br><code>&lt;/body&gt;</code>                                                                                                                                                                                                                                                              |
| <code>&lt;h&gt; ..&lt;/h&gt;</code>                                     | To display the body text as bolder and larger in size according to its level       | <code>&lt;body&gt;</code><br><code>&lt;h1&gt; Computer&lt;/h1&gt;</code><br><code>&lt;h2&gt; Computer&lt;/h2&gt;</code><br><code>&lt;h3&gt; Computer&lt;/h3&gt;</code><br><code>&lt;h4&gt; Computer&lt;/h4&gt;</code><br><code>&lt;h5&gt; Computer&lt;/h5&gt;</code><br><code>&lt;h6&gt; Computer&lt;/h6&gt;</code><br><code>&lt;/body&gt;</code> |
| <code>&lt;br&gt;</code>                                                 | To apply line break and it is an empty tag, does not have close tag attribute.     | <code>&lt;body&gt;</code><br>K.Kannan,<br><br>3,Rotler street,Choolai,<br><br>Chennai 600112.</body>                                                                                                                                                                                                                                              |

|             |                                                                                                                      |                                                                                                                                                                                                           |
|-------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>...</p>  | To display the content as paragraph.<br>Pressing“Enter key”is identified as paragraph.                               | <body><br><h1 align = center>Business</h1><br><p>Business may be defined as an activity in which a man is very much interested and these activities bring him profit,money,prestige and power.</p></body> |
| <!comments> | To describe the page or provide some kind of indication of the status of the page. Comments never shown up onscreen. | <!w.e.f.2014>                                                                                                                                                                                             |

## ATTRIBUTES OF HTML:

| Attribute                                                                         | Purpose                                                                        | Example                          |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------|
| dir<br><br>Two types:<br>rtl(aligned right to left)<br>ltr(aligned left to right) | To specify the direction of the text to be aligned within the entire document. | <html dir=rtl><br><html dir=ltr> |
| Lang                                                                              | To specify the language used in the document.                                  | <html lang=en>                   |

## ATTRIBUTES OF <BODY >TAG:

| Tag                                             | Purpose                                                                                                     | Example                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <body bgcolor= color_name/color_code>           | To change the background color of the browser                                                               | <body bgcolor = yellow><br><body bgcolor = #FFFF00> |
| <body text = color_name/color_code>             | To change the body text color                                                                               | <body text = red><br><body bgcolor = #FF0000>       |
| <body background = “image_name_with_extension”> | To apply image or picture as a background                                                                   | <body background = “flower01.gif”>                  |
| <body leftmargin = valuetopmargin = value>      | To specify the left and top margin in the browser.<br>The value is referred as pixels(72 pixels to an inch) | <body leftmargin =50 topmargin = 50>                |

## ATTRIBUTES OF HEADINGS TAG:

| Tag                | Purpose                               | Example                                                                              |
|--------------------|---------------------------------------|--------------------------------------------------------------------------------------|
| <h# align = value> | To specify the alignment to headings. | <body><br><h1 align=center>Computer</h1><br><h2 align=right>Computer</h2><br></body> |

## ATTRIBUTES OF <p> TAG:

|                       |                                                                                                                                                           |                                                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p align = alignment> | To change the alignment of a paragraph align attribute can be used with <p>tag. Alignment may be Right, Center or Justify. Left is the default alignment. | <p align =Right>Business may be defined as an activity in which a man is very much interested and these activities bring him profit,money,prestige and power.</p> |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## TEXT FORMATTING TAGS OF HTML

| Tag                  | Purpose                                                 | Example                                                |
|----------------------|---------------------------------------------------------|--------------------------------------------------------|
| <b>...</b>           | To display the text in bold.                            | <b>Kanchipuram is part of Tondaimandalam.</b>          |
| <i>...</i>           | To display the text in italics.                         | <i>Kanchipuram is 72 km away from Chennai.</i>         |
| <u>...</u>           | To underline the text.                                  | <u>Kanchipuram is well-connected by road and rail.</u> |
| <strong>...</strong> | To define important text.                               | <strong> Welcome to Tamilnadu.</strong>                |
| <em>...</em>         | To emphasize the text.                                  | <em> Welcome to Tamilnadu.</em>                        |
| <big>...</big>       | To define the text bigger in size than the normal size. | <big> Madurai Corporation Welcomes you.</big>          |
| <small>...</small>   | To define the text smaller than the current size.       | <small>Thank you! Visit again.</small>                 |
| <mark>...</mark>     | To highlight the text                                   | A computer is an <mark> Electronic                     |

|                                                                              |                                                                   |                                                                                                                                      |
|------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                                                                              | with default color yellow.                                        | Device</mark>                                                                                                                        |
| <sub>...</sub>                                                               | To display the character or number below the normal line of type. | The Scientific Notation of water is H<sub>2</sub>O.                                                                                  |
| <sup>...</sup>                                                               | To display the character or number above the normal line of type. | Algebra Equation:<br>(a+b)<sup>2</sup>=a<sup>2</sup>+2ab +b<sup>2</sup>                                                              |
| <del>...</del>                                                               | To markup the segment of text as deleted.                         | I am coming from<br><del>Madras</del><ins>Chennai</ins>                                                                              |
| <ins>...</ins>                                                               | To markup the segment of text as inserted.                        |                                                                                                                                      |
| <s>...</s>                                                                   | To show the text as strike through style.                         | I am coming from <s>Madras</s> Chennai.                                                                                              |
| <center>...</center>                                                         | To centralize the non-paragraph text contents (segment of text)   | <center>Thiruvallur specifies the sleeping position of the holy lord Balaji, in the Veeraragavaswamy temple of Thiruvallur.</center> |
| <font face = "font_name" size=value color=color_name/color_code>.....</font> | To change the style, size and color of the text.                  | <font face= "Arial black" size=7 color=blue> Welcome</font>                                                                          |

|                                                                                                                                              |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b><u>Multiple fonts with face attributes:</u></b><br/> <code>&lt;font face= "font name1,font name2,font name3,font name4"&gt;</code></p> | <p>To assign more than one font name at a time. If the first font is not supported by the browser, then it displays the text in second font. If no font is supported, then it displays in default font.</p> | <p><code>&lt;font face= "Bookman old style1, Broadway1,Forte,Arial"&gt;</code></p> <p>Welcome to HTML</p> <p><code>&lt;/font&gt;</code></p>                                                                                                                                                                                                                                          |
| <p><code>&lt;hr&gt;</code></p>                                                                                                               | <p>To separate sections of an HTML document visually. It is an empty tag, it produces horizontal line across the width of the browser.</p>                                                                  | <p><code>&lt;hr&gt;</code>Tamil is a Dravidian language predominantly spoken by people of Tamil Nadu.</p>                                                                                                                                                                                                                                                                            |
| <p><b><u>Attribute of &lt;hr&gt; tag:</u></b><br/> <code>&lt;hr size=value width=value noshade, color=color_name/code&gt;</code></p>         | <p>To set size, width, 3D appearance and color to the horizontal line respectively.</p>                                                                                                                     | <p>Rule with size 72 pixels<br/> <code>&lt;hr size=72&gt;</code><br/> Rule with size 36 pixels,50%width<br/> <code>&lt;hr width=50%&gt;</code><br/> Rule with size 18pixels, 30%width, in 2D<br/> <code>&lt;hr size=18 width=30% noshade&gt;</code><br/> Rule with size 9pixels, 50%width, in 2D, in green color<br/> <code>&lt;hr size=9 width=50% , color=green&gt;&gt;</code></p> |

|                                                   |                                                                            |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <table>....<br></table>                           | To create a table .                                                        | <body><br>< Table border=1><br>< caption>Book and<br>author</caption><br><tr><br><th>Book</th><br><th>Author </th><br><th>Publisher </th><br></tr><br><tr><br><td>Foxpro2.5</td><br><td>R.K.Taxali</td><br><td> BPB Publications </td></tr><br><tr><br><td>Core Java vol1</td><br><td>Horstmann Cornell </td><br><td> Pearson Publications </td></tr><br></table></body> |
| <tr>...</tr>                                      | To define table rows.                                                      |                                                                                                                                                                                                                                                                                                                                                                          |
| <th>...</th>                                      | To define table columns.                                                   |                                                                                                                                                                                                                                                                                                                                                                          |
| <td>...</td>                                      | To specify the data in a cell.                                             |                                                                                                                                                                                                                                                                                                                                                                          |
| <caption>...<br></caption>                        | To define title for the table.                                             |                                                                                                                                                                                                                                                                                                                                                                          |
| <Table border=value>                              | To create a table structure with border.                                   |                                                                                                                                                                                                                                                                                                                                                                          |
| <b><u>Attributes of table:</u></b><br>CellSpacing | To set the space between cells in a table.(in pixels)                      | <table cellpadding=5>                                                                                                                                                                                                                                                                                                                                                    |
| Cellpadding                                       | To set the space between the contents of a cell and its border(in pixels)  | <table cellpadding=15>                                                                                                                                                                                                                                                                                                                                                   |
| Border                                            | To specify the thickness of the border lines around the table. (in pixels) | <table border=4>                                                                                                                                                                                                                                                                                                                                                         |
| Height and Width                                  | To specify the height and width of a table in pixels or percentage.        | <table height=150,width=200>                                                                                                                                                                                                                                                                                                                                             |
| Bordercolor                                       | To apply color to the border lines                                         | <table bordercolor=blue>                                                                                                                                                                                                                                                                                                                                                 |
| Align                                             | To set the position of the table within the browser of window.             | <table align=center>                                                                                                                                                                                                                                                                                                                                                     |
| Bgcolor                                           | To apply background color to the table.                                    | <table bgcolor=yellow>                                                                                                                                                                                                                                                                                                                                                   |

| <b>Attributes of &lt;td&gt;&lt;th&gt;&lt;tr&gt; tags:</b> |                                                               |                                           |
|-----------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------|
| <b>Align</b>                                              | To specify the horizontal alignment of content within a cell. | <tr align=center>...</tr>                 |
| <b>VAlign</b>                                             | To specify the vertical alignment of content within a cell.   | <th valign=center>s                       |
| <b>Width</b>                                              | To specify the width of a cell in pixels or percentage.       | <th width=50%>...</th>                    |
| <b>Bgcolor</b>                                            | To apply color to background of a cell.                       | <th bgcolor=yellow>boys</th>              |
| <b>background</b>                                         | To apply an image or picture as background of a cell.         | <th background="flowers01.gif">girls</th> |

## TYPES OF LISTS IN HTML

| <b>List</b>                                     | <b>purpose</b>                                                                                         | <b>Example</b>                                                                                   |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Numbered or Ordered list<br><Ol> ....</Ol>      | It is used to display items in Numerical or alphabetical order.<li> is used to present the list items. | <body><br><ol><br><li>tamil<br><li>telugu<br></ol><br></body>                                    |
| Unordered or Unnumbered list<br><ul> .....</ul> | It is used to display items in a special bullet symbols.                                               | <body><br><ul><br><li> physics<br><li> chemistry<br><li> botany<br><li> zoology </ul><br></body> |

|                                                                                                                                                                                        |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Definition list</p> <p>&lt;dl&gt; .... &lt;/dl&gt;</p> <p>Definition term</p> <p>&lt;dt&gt; ..... &lt;/dt&gt;</p> <p>Definition description</p> <p>&lt;dd&gt; ..... &lt;/dd&gt;</p> | <p>No bullet or number is provided for the list items. It has two parts</p> <ol style="list-style-type: none"> <li>1) A Definition term</li> <li>2) The definition description</li> </ol> | <pre>&lt;body&gt; &lt;dl&gt; &lt;dt&gt; HTML &lt;/dt&gt; &lt;dd&gt;Hyper text markup language &lt;/dd&gt; &lt;/dl&gt; &lt;/body&gt;</pre>                                                                                                                                                                   |
| <p>Nested list</p>                                                                                                                                                                     | <p>A list of block can be defined inside another list is called as nested list</p>                                                                                                        | <pre>&lt;body&gt; &lt;ol&gt; &lt;li&gt; District of Tamil Nadu &lt;ul&gt; &lt;li&gt; Chennai &lt;li&gt; Madurai &lt;li&gt; Coimbatore &lt;/ul&gt; &lt;li&gt; Districts of Kerala &lt;ul&gt; &lt;li&gt; Thiruvananthapuram &lt;li&gt; Palakkad &lt;li&gt; idukki &lt;/ul&gt; &lt;/ol&gt; &lt;/body&gt;</pre> |

## Attributes of ordered lists

| Attribute | Purpose                   | Example                               |
|-----------|---------------------------|---------------------------------------|
| Type      | to change numbering style | <ol type = A><br>... </ol>            |
| Start     | To change numbering order | <ol type = A start = 5><br>.....</ol> |

## LINKS in html

| tags     | purpose                                     | Example                                                                 |
|----------|---------------------------------------------|-------------------------------------------------------------------------|
| <A>      | Used along href attribute                   | <A href = #AP>Andrapradesh</A>                                          |
| Links    | Purpose                                     | Example                                                                 |
| intrnal  | To link a particular section to a document  | <A href= #TN>Tamilnadu<A>                                               |
| external | To establish link with an external web page | <A href = <a href="http://www.tnscert.org">http://www.tnscert.org</a> > |

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## LESSON~12"HTML-Adding multimedia element and forms"

## LESSON~13"CSS~Cascading Style Sheets"

| TAG       | PURPOSE                                                     | EXAMPLE                                                                                   |
|-----------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <img>     | Inserting images in html document                           | <imgsrc<br>=bharathiyar.gif>                                                              |
| <marquee> | To move a piece of text or image horizontally or vertically | <marquee> the<br>government of<br>tamilnadu</marquee>                                     |
| <form>    | Used to create a form                                       | <form method=get/post<br>action="back_end_server<br>_script"><br>Form elements<br></form> |

|                               |                                               |                                                                                                                                                                                                          |
|-------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>&lt;input&gt;</code>    | Form controls are created                     | <code>&lt;input type =text<br/>name="user_name"<br/>size=20 maxlength=15&gt;</code>                                                                                                                      |
| <code>&lt;select&gt;</code>   | Used to create dropdown list box              | <code>&lt;select name =area size<br/>=1&gt;<br/>&lt;option value =CHN&gt;<br/>Chennai &lt;/option&gt;<br/>&lt;option value = MDR<br/>selected&gt; Madurai<br/>&lt;/option&gt;<br/>&lt;/select&gt;</code> |
| <code>&lt;textarea&gt;</code> | Used to receive multi line text data as input | <code>&lt;textarea rows=5 cols=50<br/>name=comments&gt;&lt;/text<br/>area&gt;</code>                                                                                                                     |

|                            |                                                                |                                                                                                                     |
|----------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <code>&lt;style&gt;</code> | Controls the presentation styles of a particular html document | <pre> &lt;style&gt; H3 { color:blue; Font-family:" copperplate gothic bold"; Font-size:14pt;} &lt;/style&gt; </pre> |
| Color                      | To change the color of the text                                | <pre> { Color:pink; } </pre>                                                                                        |
| Text-align                 | Use to align the text                                          | <pre> { Text-align:center; } </pre>                                                                                 |

|             |                                |                                                                                     |
|-------------|--------------------------------|-------------------------------------------------------------------------------------|
| Font-family | Used to change the handwriting | {<br>Font-family:"times new roman";<br>}                                            |
| Font-style  | To change the style of text    | {<br>Font-family:"times new roman";<br>Font-style:italic;<br>}                      |
| Font-weight | To make the text bold          | {<br>Font-family:"times new roman";<br>Font-style:italic;<br>Font-weight:bold;<br>} |

|                   |                                |                                                                                   |
|-------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Font-size         | To change the size             | {<br>Font-family:"times new roman";<br>Font-style:italic;<br>Font-size:14px;<br>} |
| Background color  | To change the background color | {<br>Background - color:violet<br>}                                               |
| Border            | To change the border           | H2 {border:2px solid red;}                                                        |
| Background -image | To change the background image | {<br>Background-image:url ("flower.gif");<br>}                                    |

|        |                      |                                                                                     |
|--------|----------------------|-------------------------------------------------------------------------------------|
| margin | To change the margin | <pre>{<br/>Margin-top:50px;<br/>Margin-left:50px;<br/>}</pre>                       |
| Link   | To add css file      | <pre>&lt;link rel="stylesheet"<br/>type="text/css"<br/>href="mystyle.css"&gt;</pre> |

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## COMPUTER APPLICATION

## XI

## LN-14"INTRODUCTION JAVASCRIPT &amp;&amp; LN – 15" CONTROL STRUCTURE IN JAVASCRIPT

| S. N O | NAME                                               | PURPOSE                                                                                                                                                         | EXAMPLE                                                                                              |
|--------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1      | <b>&lt;SCRIPT&gt;.....&lt;/SCRIPT&gt;<br/>TAGS</b> | THE <script> tag alerts the browser program to start interpreting all the text between these tags as a script commands                                          | <code>&lt;script language="type="text/javascript"&gt;<br/>javascript code<br/>&lt;/script&gt;</code> |
| 2      | <b>Variable no</b>                                 | Variable is declared in javascript using var keyword that allocates storage space for new data and indicates to the interpreter that a new identifier is in use | <code>Var no;<br/>var no1;no2;</code>                                                                |
| 3      | <b>+=</b>                                          | Add and assign                                                                                                                                                  | <code>Var sum = 120;<br/>sum+=20;</code>                                                             |
| 4      | <b>-=</b>                                          | Subtract and assign                                                                                                                                             | <code>Var diff= 120;<br/>diff-=20;</code>                                                            |
| 5      | <b>*=</b>                                          | Multiply and assign                                                                                                                                             | <code>Var prod =100;<br/>prod*=10</code>                                                             |

|    |                             |                                                                                                                              |                                                                                            |
|----|-----------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 6  | <b>/=</b>                   | <b>division</b>                                                                                                              | <b>Var res =522;<br/>res/=100</b>                                                          |
| 7  | <b>%=</b>                   | <b>Modulus operator</b>                                                                                                      | <b>Var rem=522;<br/>rem%=100</b>                                                           |
| 8  | <b>increment</b>            | The operator converts its operand to a number ,adds1 to that number,and assigns the incremented value back into the variable | <b>Var m=1,n=++m;//m<br/>and n are both2<br/>var m=1, n=m++;//m<br/>is 2, n is 1</b>       |
| 9  | <b>decrement</b>            | It converts the value of the operand to number,subtract 1, and assigns the decrement value backto the operand                | <b>Var m=2, n= --m;//m<br/>and n are both1<br/>var m =2, n= m--;// n<br/>is 2 , n is 1</b> |
| 10 | <b>conditional operator</b> | The ?: is the conditional operator in javascript which requires three operands hence it is called the ternary operator       | <b>Var variable<br/>name=(condition)?valu<br/>e1:value2;</b>                               |
| 11 | <b>Alert dialog box</b>     | An alert dialog box is mostly used to give a warning message to the users                                                    | <b>Window.alert("data1:"<br/>"+value 1);<br/>alert ("data<br/>1:"+value 2);</b>            |
| 12 | <b>Confirm dialog box</b>   | A confirmatory dialog box is mostly used to take users consent on any option.                                                | <b>Window.confirm("data1<br/>;" +value 1);<br/>confirm("data<br/>2:"value 2);</b>          |

|    |                           |                                                                                                                                    |                                                                                        |
|----|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 13 | <b>Prompt dialog box</b>  | The prompt dialog box is very useful when user want to pop up a text box to get user input.                                        | Var sname =<br>prompt("please enter your name","name");                                |
| 14 | <b>If statement</b>       | The if statement is fundamental control the statement that allows javascript to make decisions to execute statements conditionally | if(age>=16)<br>{<br>alert("you are eligible to vote .....")<br>}                       |
| 15 | <b>if..else statement</b> | The if statement is an else clause that is the program to follow either of two branches depending on the condition.                | If<br>{<br>statement if true<br>}<br>else<br>{<br>statement if false<br>}              |
| 16 | <b>Else if statement</b>  | The else if statement evaluates an expression and executes one of the pieces of code depending on the outcome                      | If<br>{<br>//execute code block#1<br>}<br>else if<br>{<br>//execute code block #2<br>} |

|    |                           |                                                                                                                      |                                                                                               |
|----|---------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|    |                           |                                                                                                                      | <pre> else if { //execute code block #3 } else { //if all else fails execute block#4 } </pre> |
| 17 | <b>Break statement</b>    |                                                                                                                      | <pre> { if(no2 ==5) {break;} document .write (no2+""); } </pre>                               |
| 18 | <b>Continue statement</b> | Continue statement will skip back to the loop conditional check                                                      | <pre> { if (no 2==5) {continue;} document.write(no2+""); } </pre>                             |
| 19 | <b>While loop</b>         | The purpose of while loop is the execute a statement/block of statement repeatedly as long as an expression is true. | <pre> while(no 2&lt;=5+""); { no2=no2+1; } </pre>                                             |

|    |                        |                                                                                                                                        |                                                                            |
|----|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 20 | <b>Do...while loop</b> | The do...while loop is like a while loop except that the loop expression is tested at the end of the loop rather than at the beginning | <pre> Do { document.write (no2+""); no2=no2+2; }while (no2&lt;=10); </pre> |
|----|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|

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