



## **MASTER OF COMPUTER APPLICATION**

**MCSL - 016 (HTML, XML, VB, ASP and JAVASCRIPT) –  
Lab**

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## **Internet Concept and Web Design - LAB**

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# **INTERNET CONCEPT &WEB DESIGN - LAB**

# **SECTION-1 -HTML (HYPERTEXT MARKUP LANGUAGE);**

## **Structure :**

- 1.0 - Basics of HTML
  - 1.1 - How to Create HTML Document ?
  - 1.2 Step of Creating a Simple HTML Program.
  - 1.3 Exercises for Practice in Lab Sessions.
- 

## **1.0 - BASICS OF HTML**

Web pages or materials in the form of hypermedia documents accessed through the Internet can be located anywhere in the world.

No matter where they originated, most Web documents are created using HYPERTEXT MARKUP LANGUAGE (or **HTML**) is a powerful authoring language and has different Versions - like : HTML 4.2, HTML 3.2, HTML 3.0, and HTML 2.

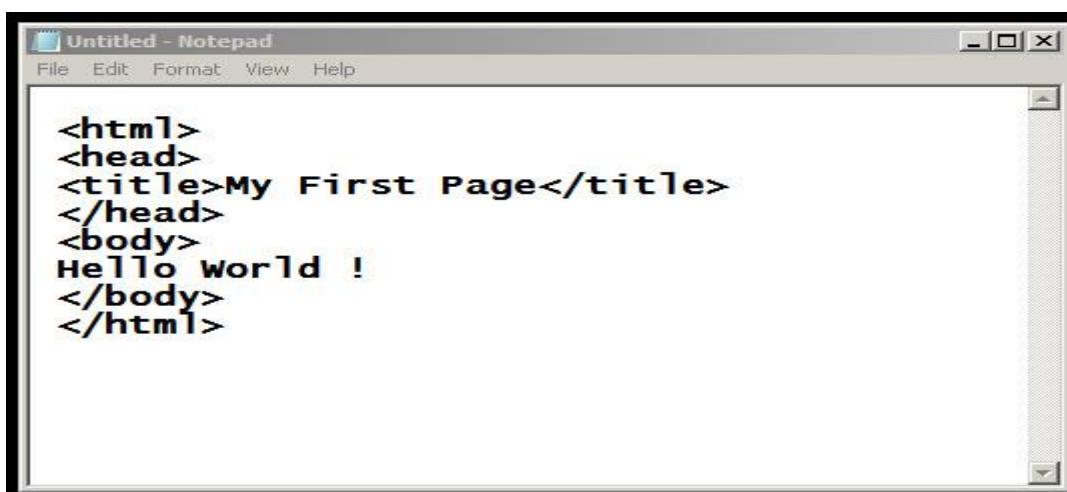
HTML is used to define document structure and format, with the help of a single tag or a pair of tags. A tag is a string in the language surrounded by a less than (<) and a greater than (>) sign. An opening tag does begin with a slash (/) [or simply <start>], while ending or closing tag is a string that begins with a slash (/) [or simply <end/>].

**HTML** documents format textual information with embedded markup tags that provide style and structure information. A whole document in HTML begins with <HTML> and ends with </HTML>.

## **1.1 - HOW TO CREATE AN HTML DOCUMENT ?**

An HTML document can be created using any HTML editor or text editor like notepad [or if you are using dos then EDIT simply].

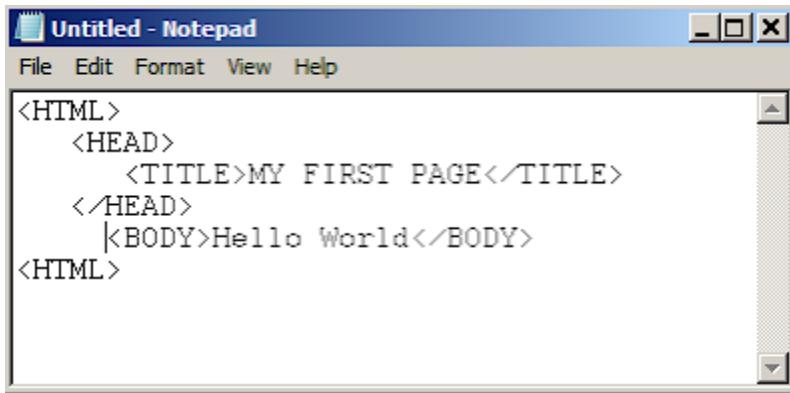
## **1.2 STEPS FOR CREATING A SIMPLE HTML**



```
<html>
<head>
<title>My First Page</title>
</head>
<body>
Hello World !
</body>
</html>
```

1. Go to Start ---> Programs ---> Accessories ---> Notepad --
  - .
2. Begin with a document type tag and an **<HTML>** opening tag. Enter the following line in your doc.  
**<HTML>**
  - .
3. Indicate that you are begining the head element of a document by issuing the **<HEAD>** opening tag. If a **<HEAD>** element is included, it must appear within an **<HTML>** element. The following line should appear next in your document :  
**<HEAD>**
  - .
4. The **<TITLE>** element is used to indicate the title of an **HTML** document. **<TITLE>** tags are placed within the head component of a document and the title is placed between the opening and the closing **<TITLE>** tags. Add the following **<TITLE>** element to your document.  
**<TITLE>My First Page</TITLE>**
  - .
5. To end the head area issue a **<HEAD>** closing tag.  
**</HEAD>**
  - .
- Thus the **<HEAD>** element is nested within the **<HTML>** element.
  - .
6. At this point the body of the document is developed. A **<BODY>** opening tag indicates that this point has been reached. Enter the following line :  
**<BODY>**
  - .
7. In the following example, the body of the document contains a simple text statement which you can now enter in your file :  
**Hello World !**
  - .
8. A **</BODY>** closing tag marks the end of the **<BODY>** element. Similar to the Head element, the **<BODY>** element is also completely nested within the **<HTML>** element. To end the **<BODY>** element, issue the closing corresponding tag in your document.  
**</BODY>**
  - .

9. Finally, terminate the <HTML> tag with </HTML> as shown below :



A screenshot of a Windows Notepad window titled "Untitled - Notepad". The menu bar includes File, Edit, Format, View, and Help. The main text area contains the following HTML code:

```
<HTML>
<HEAD>
    <TITLE>MY FIRST PAGE</TITLE>
</HEAD>
<BODY>Hello World</BODY>
<HTML>
```

10. Save your document as mypage.html  
11. To view the document open the .html document in the browser.

---

## 1.3 EXERCISES FOR PRACTICE IN LAB SESSION

---

### SESSION 1

---

#### **EXERCISE 1.**

**Write HTML code to develop a Web page having the background in red and title "My First Page" in any other colour.**

Ans:

```
<html>
    <head>
        <title>My First Page</title></head><body bgcolor="#FF0000">
        <font color="#99FF66"><strong>My First Page </strong>
    </font></body>
</html>
```

#### **EXERCISE 2.**

Q. Create an HTML document giving details of your name, age, telephone number, address, TLC code & enrolment number aligned in proper order.

Ans: <HTML> <H1> <font face="algerian" color="blue">LAB EXERCISE 1.2</font> </H1> <BODY BGCOLOR="PINK"> <P ALIGN CENTER> <i> <FONT FACE="ARIAL" COLOR="GREEN"> MY PERSONAL DETAILS </i> </FONT> <HR SIZE="2" WIDTH=100%> </HR> </p> <h3> <pre> NAME ----- : YOUR NAME AGE ----- : AGE TELEPHONE NUMBER : YOUR AGE ADDRESS -----: YOUR ADDRESS

TLC CODE -----: \_\_\_\_\_  
ENROLMENT NUMBER : YOUR ENROLMENT NO  
</pre></h3>  
</BODY>  
</HTML>

### **EXERCISE 3.**

Q.3. Write an HTML code to design a page containing text, in form of paragraphs giving suitable heading style.

Ans. <html><head><title>My First Page</title></head>  
<body><h1 align="center"><strong>What's new in Windows  
XPProfessional</strong>  
</h1><h2 align="justify">Welcome to Windows XP  
Professional. Among the new features available in Windows XP, there are new security tools that you can use to helpkeep your computer more secure, and new technologies that run in the background,making your computer run more efficiently and reliably.</h2><h3 align="justify">Windows XP has improved upon security, including the newSecurityCenter, which allows you to check the status of the important security elementson your computer&#8212;Windows Firewall, Automatic Updates, and virus protectionsoftware&#8212;making it easier for you to understand how to keep your computer better protected against viruses and other security threats. Performance isat an all-time high.</h3><h4 align="justify"> You can now use more programs at the same time and theywillrun faster than ever. Windows XP is dependable and stable, so you can alwaysrely on the performance and effectiveness of your computer.  
<br>  
</h4>  
</body></html>

### **SESSION 2**

### **EXERCISE 1.**

Q.1 Create a page to show different attributes of Font Tag.

Ans. <html>  
<head>  
<title>THE HTML FILE TO SHOW DIFFERENT ATTRIBUTES OF FONT  
TAG &mdash; BY CANDIDATE</title>  
</head>  
<body>  
<p align="left"><strong><font color="#0000FF" face="Arial">Left  
Aligned, font color #0000FF, font face is ARIAL</font></strong></p>  
<font color="#FF0000" face="Courier New">This is Font Color #FF0000,  
here font face is Courier New</font><p>  
<font face="Geneva"><strong><em>Here Font Face = Geneva, and here  
&ndash; < EM > TAG is inside the < STRONG > TAG  
</em></strong></font><br><p>  
<font color="#FFFFFF" face="Verdana">Here Font Face is Verdana, and  
Color #FFFFFF</font><p>

```

<font face="impact" size=+1>Here Font Face &eqou; IMPACT, and here
SIZE of Font is +1.</font><p>
    <font face="arial black" size=4>This is ARIAL BLACK and the SIZE is
4</font><p>
    <font face="comic sans MS" size=+1>This is Comic Sans MS, and SIZE is
+1.</font><p>
    <font face="geneva" size=-2>This is GENEVA SIZE is -2</font><p>
</body>
</html>

```

## SESSION 2

### EXERCISE 2

Q. Create a page to show different attributes : Italics, Bold, Underline.

Ans. <html> <head> <title>HTML Pgtr to show BOLD, UNDERLINE & ITALICS effect</title>

```

</head> <body bgcolor="#FFFFFF">
    <p align="left"><strong>Bold</strong></p>
    <p align="left"><em>Italics</em></p>
    <p align="left"><u>Underline</u></p>
    <p align="left"><strong><em>Bold and Italics</em></strong></p>
    <p align="left"><u><em>Italics and Underline</em></u></p>
    <p align="left"><strong><em><u>Bold Italic and
Underline</u></em></strong></p>
<style type="text/css">
.double_underline {border-bottom: 3px double;}
</style></head><body><span class="double_underline">This is The Sample of
Double Underlined Text &mdash; with the use of css text.</span></body>
</p></body>
</html>

```

## SESSION 2

### Exercise 3.

Q.3. Design a page having background colour yellow, giving text colour Red and using all the attributes of font TAB.

Ans. <html><head><title>HTML FILE to SHOW BACKGROUND AS YELLOW
with FONT COLOR RED AND ALL ATTRIBUTE OF FONT TAB</title>

```

</head>
<body bgcolor="#FFFF99"><p align="left"><strong><font color="#FF0000"
face="Arial">Here I am using &lt;STRONG&gt; TAG &amp; FONT COLOR
&ndash; FF0000 Font Face is Arial</font></strong></p><p
align="justify"><font color="#FF0000" face="Courier New">Hello Friends This
is the sample JUSTIFIED text with the use of align &amp; justify TAG and
&ndash; this text is inside the &lt;P&gt; Tag and here i am using font color as
FF0000, where Font Face is Courier New, Now with the use of &lt;B&gt;;
<b>BOLD</b> tag <b>THIS IS BOLD</b>, with the use of
<U>UNDERLINE</U> tag which is U &ndash; <u>THIS IS UNDERLINE
TEXT</u>,</font></p>
<p><font color="#FF0000" face="Geneva"><strong>Here Font Color is

```

#FFoooo, inside &lt;P&gt; TAG Font Face is Geneva, which is inside the &lt;STRONG&gt; TAG, after that I am using &lt;EM&gt; TAG — actually &lt;EM&gt; TAG is used in lieu of &lt;I&gt; TAG — which is generally used for &lt;I&gt; <i>ITALICS TAG</i> now THIS IS THE &lt;I&gt; TAG, and <em>THIS IS THE &lt;EM&gt; TAG</em>, you can see easily that they both are similar. Now this is the example of STRIKETHROUGH

OR <del>DELETED TEXT</del> effect with the use of &lt;DEL&gt; TAG</strong></font></p>

<p><font color="#FFoooo" face="Verdana" size=-1>Here Font Color is #FFoooo, This is the Font Size Experiment THE FONT SIZE IS MINUS —1, <font size=+1>THIS IS FONT SIZE +1</font>, <font size=+3>THIS IS FONT SIZE +3</font><br></p></body></html>

### **SESSION 3**

**Exercise 1. Write an HTML Code to create a web page of Blue color and display links in red colour.**

Ans. <html>  
<head>  
<title>Showing a Webpage where Background is BLUE & Links in RED</title>  
</head>  
<body bgcolor="#0000FF" link="#FFoooo" vlink="#FFoooo"  
alink="#FFoooo">  
    <p align="left"><a href="1.htm"><strong>This is The Link To Page  
1</strong></a></p>  
    <p align="left"><strong><a href="2.htm">This is The Link To Page  
2</a></strong></p>  
    <p align="left"><strong><a href="3.htm" target="\_blank">This is The Link  
To page 3</a></strong></p>  
</body>  
</html>

### **SESSION 3**

**Exercise 2 : Write an HTML code to create a Web page that contains an Image at its center.**

Ans. <html>  
<head>THIS IS HEADING </head>  
<body>  
<div align="center"> </div>  
</body>  
</html>

### **SESSION 3**

**EXERCISE 3 : Create a Web page with appropriate content and insert an image towards the left hand slide of the page. When user clicks on the image, it should open another Web Page.**

Ans. <html>

```
<head>SESSION 3 EXERCISE 3 &mdash; Inert an Image towards the left hand side of the page
```

&ndash; when user clicks on the image, it should open another web page

```
</head>
```

```
<body><br>Click the Image Below it will open another Web Page <p><a href="ANOTHER.html"></a></p>
```

```
</body>
```

```
</html>
```

#### **SESSION4**

**EXERCISE 1 : Create a Web Page using href attribute of anchor tag & the attribute: alink, vlink etc.**

Ans. <html>

```
<head>SESSION 4 EXERCISE 1 &ndash; Using href attribute of anchor TAG & the attrib &ndash; alink vlink etc.</head>
```

```
<body link="#0000FF" vlink="#009900" alink="#0000FF">
```

```
    <p><a href="MAIN.htm" target="_blank">THIS IS LINK TO MAIN PAGE</a></p>
```

```
    <p><a href="HOME.htm" target="_parent">THIS IS LINK TO HOME PAGE</a></p>
```

```
    <p><a href="CONTACT_US.htm" target="_self">THIS IS LINK TO CONTACT US PAGE</a></p>
```

```
    </body>
```

```
</html>
```

#### **SESSION - 4**

**EXERCISE 2 : Create a Web page, wherein when the user clicks on the link it should go to the bottom of the page.** Ans. : <html>

```
<head>HERE I AM USING anchor &ndash; anch TAG, CLICK BELOW LINK TO
```

```
GO TO BOTTOM OF THE PAGE</head>
```

```
<body link="#0000FF" vlink="#009900" alink="#0000FF">
```

```
    <p><a href="#Anch1">CLICK HERE TO GO TO BOTTOM</a></p>
```

```
    <p>First Demo Paragraph</p>
```

```
    <p>Second Demo Paragraph</p>
```

```
    <p>Third Demo Paragraph</p>
```

```
    <p>Fourth Demo Paragraph</p>
```

```
    <p>Fifth Demo Paragraph</p>
```

```
    <p>Sixth Demo Paragraph</p>
```

```
    <p>Seventh Demo Paragraph</p>
```

```
    <p>8 Demo Paragraph</p>
```

```
    <p>9 Demo Paragraph</p>
```

```

<p>10 Demo Paragraph</p>
<p>11 Demo Paragraph</p>
<p>12 Demo Paragraph</p>
<p>13 Demo Paragraph</p>
<p>14 Demo Paragraph</p>
<p>15 Demo Paragraph</p>
<p>16 Demo Paragraph</p>
<p>17 Demo Paragraph</p>
<p>18 Demo Paragraph</p>
<p>19 Demo Paragraph</p>
<p>20 Demo Paragraph</p>
<p>21 Demo Paragraph</p>
<p>22 Demo Paragraph</p>
<p>23 Demo Paragraph</p>
<p>24 Demo Paragraph</p>
<p>25 Demo Paragraph</p>
<p><a name="Anchi">THIS IS THE BOTTOM LINK FOR THE ABOVE
ANCHOR</a><BR>
<marquee><font size=+9>THANKS FOR VISITING MY
PAGE</marquee></font></p>
</body>
</html>

```

#### **SESSION - 4**

**EXERCISE 3 : Write HTML Code to create a Web Page of pink colour and display a moving message in red colour.** Ans: <html>

```

<head>THIS IS HEADING SESSION 4 EX&ndash;3</head>
<body bgcolor="#FF99FF">
<marquee>
<font color="#FF0000"><strong>HI FRIENDS THIS IS MOVING TEXT
WITH THE USE OF MARQUEE TAG, THANKS
</strong></font>
</marquee>
</body>
</html>

```

#### **SESSION - 5**

**EXERCISE 1 : Create a Web Page, showing an ordered list of the names of five of your friends.** Ans. : <html>

```

<head>THIS IS HEADING</head>
<body ><H4>HERE &lt;OL&gt; TAG is for ORDERED (i.e. Auto Numbering
with LI TAG)
LIST &amp; &lt;li&gt; TAG is for List</H4>
<ol>
<li>Friend 1</li>

```

```

<li>Friend 2</li>
<li>Ashish</li>
<li>Mrs. Sharma</li>
<li>Mr. Singh</li>
</ol><p></p>

```

<H5>Below is the Example of Roman Auto Number List with use of 'ol' (order list) type i (if we use capital I in place of small I then the roman letters will look as I, II, III, so on</h5>

```

<ol type="i">
<li>Harish</li>
<li>Satish</li>
<li>Gautam</li>
<li>Pinki</li>
<li>Anil</li>
</ol>
</body>
</html>

```

## **SESSION - 5**

### **EXERCISE 2 : Create an HTML document containing a nested list showing the content page of any book.**

Ans.: <html>

```

<head><H2>TITLE OF THE BOOKS – LET US HTML</H2>
</head>
<body><strong>Contents </strong>
<ol><li>Introduction</li>
<li>Getting Started</li>
<ul><li>What is HTML</li><li>Salient features of HTML</li></ul>
<li>History of HTML</li>
<ul><li>Difference Between HTML & DHTML</li><ul>
<li>HTML VS XML & SGML</li></ul>
<li>INTRODUCTION TO TAGS</li><li>BASIC TAGS IN
HTML</li>
<li>LIST OF SOME BASIC TAGS</li></ul>
<li>HEADING TAGS IN HTML</li>
<li>BODY TAG IN HTML</li>
<li>DIFFERENCE BETWEEN HEADING AND BODY TAG</li>
<li>TITLE TAG IN HTML</li>
<li>COLOUR TAGS IN HTML</li>
</ol>
</body></html>

```

## **SESSION - 5**

### **EXERCISE 3 : Create a web page, showing an unordered list of names of five of your friends.**

Ans.: <html>

```

<head>THIS IS HEADING</head>
<body>
<ul><li>Friend 1</li>

```

```

<li>Friend 2</li>
<li>Sharma</li>
<li>Anil </li>
<li>Friend </li>
</ul></body>
</html>

```

## **SESSION - 6**

**EXERCISE 1 : Create a Web page, which should contain a table having two rows and two columns.**

Ans.:<html>

```

<head>HEADING</head>
<body>
<table width="100%" border="2">
<tr>
<td>&nbsp;one</td>
<td>&nbsp;two</td>
</tr>
<tr>
<td>&nbsp;three</td>
<td>&nbsp;four</td>
</tr>
</table>
</body></html>

```

## **SESSION - 6**

**EXERCISE 2 : Fill in some dummy data in the table created by you in question 1 of this session.**

Ans.: <html><head>HEADING</head>

```

<body>
<table width="55%" border="3">
<tr>
<td><strong>LIST OF ITEMS</strong></td>
<td><strong>BRAND NAME</strong></td>
</tr>
<tr>
<td>MONITOR</td>
<td>SAMSUNG 14&rdquo;</td>
</tr>
</table>
</body>
</html>

```

## **SESSION - 6**

**EXERCISE 3 : Create the following table in HTML with Dummy Data.**

Ans.: <html><head>TRAIN SCHEDEULE &ndash; TABLE</head>

```

<body><table width="95%" border="4">
<tr><td width="28%" rowspan="2" ><strong>Name Of Train</strong></td>

```

```

<td width="11%" rowspan="2" ><strong>Place</strong></td>
<td width="16%" rowspan="2" ><strong>Destination</strong></td>
<td width="17%" rowspan="2" ><strong>Train No</strong></td>
<td colspan="2" ><div align="center"><strong>Time</strong></div></td>
<td width="13%" rowspan="2" ><strong>Fair</strong></td>
</tr>
<tr>
<td width="8%" ><strong>Arrival</strong></td>
<td width="7%" ><strong>Departure</strong></td>
</tr>
<tr>
<td >Lokamanya Thilak</td><td>Tvm</td> <td>Loka Manya Thilak</td>
<td>CH8906</td> <td>03:40</td> <td>03:55</td> <td>650</td>
</tr>
<tr> <td>Nizamudhenn Express</td>
<td >Kannur</td>
<td>Koyambathoor</td>
<td>NEH08634</td>
<td>20:25</td> <td>16:45</td> <td>320</td>
</tr>
</table>
</body></html>

```

## **SESSION - 7**

### **EXERCISE 1 : Create to following table**

Ans. : <html><head>SESSION 7 EXERCISE 1</head><body  
bgcolor="#AAAAAA">

```

<table width="60%" border="1">
<tr bgcolor="#FFFFFF"><td colspan="3">&nbsp;White</td>
</tr>
<tr><td bgcolor="#FF0000">&nbsp;RED</td>
<td bgcolor="#009933">&nbsp;GREEN</td>
<td bgcolor="#000000">&nbsp;<font
color="white"><b>BLACK</b></font></td>
</tr>
</table>
</body>
</html>

```

## **SESSION - 7**

### **EXERCISE 2 : Design an HTML Page having 3 images placed in the following format.**

Ans: <html> <head><b><u>SESSION 7 EXERCISE  
2</u></b></head><p></p><br/><body><table width="36%" border="0" cellpadding="0" cellspacing="0"><tr><td width="26%" align="left" valign="top"></td>

```

<td width="24%">&nbsp;</td>
<td width="50%">&nbsp;</td>
</tr>
<tr><td>&nbsp;</td>
<td align="left" valign="top"></td> <td>&nbsp;</td>
</tr>
<tr><td>&nbsp;</td>
<td>&nbsp;</td>
<td align="left" valign="top">
</td>
</tr>
</table>
</body></html>

```

### SESSION - 7

#### EXERCISE 3 : Write HTML code to generate the following output :

Ans.: <html><head>SECCION 7 EX 3 IGNOU</head>

```

<body>
<table width="100%" border="1">
<tr><td rowspan="2">Weather</td>
<td><strong>Delhi</strong></td>
<td><strong>Mumbai</strong></td>
</tr> <tr>
<td>40</td>
<td>35</td>
</tr>
</table>
</body></html>

```

### SESSION -8

#### EXERCISE 1 : What are HTML Physical style tags and Logical style Tags ?

Ans :

### **Logical Styles**

- <**DFN**> for a word being defined. Typically displayed in italics.  
(*Internet Explorer* is a World Wide Web browser.)
- <**EM**> for emphasis. Typically displayed in italics. (*Watch out for pickpockets.*)
- <**CITE**> for titles of books, films, etc. Typically displayed in italics.  
(*A Beginner's Guide to HTML*)
- <**CODE**> for snippets of computer code. Displayed in a fixed-width font. (This is a sample of code.)
- <**KBD**> for user keyboard entry. Should be displayed in a bold fixed-width font, but many browsers render it in the plain

fixed-width font. (Enter password for Windows networking.)

**<SAMP>** for computer status messages. Displayed in a fixed-width font. (Segmentation fault: Core Meltdown!..)

**<STRONG>** for strong emphasis. Typically displayed in bold. (**Important**)

**<VAR>** for a ``metasyntactic'' variable, where the user is to replace the variable with a specific instance. Typically displayed in italics. (del *filename* deletes the file.)

### **Physical Styles**

**<B>** This is a sample of bold text

**<I>** This is a sample of italic text

**<TT>** This is a sample of typewriter text, e.g. fixed-width font

## **SESSION -8**

### **EXERCISE 2 : Which HTML tag allows you to scroll text on the Web**

**Page ? Ans :** Scrolling Tag allows us to scroll text on the Web Page<iframe align="left" scrolling="yes" width="100%" height="100%" src="cont.htm">

## **SESSION - 8**

### **EXERCISE 3 :What is the comment tag in HTML ?**

Ans: Comment tags are used to provide comments to the webpage. The contents inside the tag will not be displayed by the web browser when it displays the page. Eg. <!--This is comments used to help web designers -->

## **SESSION - 8**

### **EXERCISE 4 - Design an HTML Page for the "Block Introduction" of this Book: The page should allow scrolling and the code should contain a comment header with your name and enrolment number ?**

Ans: <!Name :CANDIDATE NAME><!Enrolment No : XXXXXXXXXXXXX>

```

<html>  <head>SESSION 8 EX. 4</head>
    <body><table width="80%" border="2">
        <tr><td><strong>Block Introduction</strong></td>
        </tr> <tr><td height="118" align="left" valign="top">
            <iframe align="left" scrolling="yes" width="100%" height="100%" src="c:\pages\second.html"><p><br></p></iframe></td></tr>
        </table></body>
    </html>

```

## **SESSION - 9**

**EXERCISE 1 - What difference does it make if we express the width of a table in percentage or in pixel value ? And how do we set the width of a particular column or cell in a table.**

Ans: ---- If the width of the table is expressed in percentage the width of the table varies according to the width of the page displayed by the browser. If the width is 100% then width of the table will be the width of the page. The width of the particular column and cell is set by

```
<table border=1 width=100%>
<tr><td width=60%></td>
<td width=40%></td>
</tr>
</table>
```

**SESSION - 9**

**EXERCISE 2 - Write HTML code to generate the following output**

:Ans:<html><head>SESSION 9 EXERCISE 2</head>

```
<body> <table width="80%" border="1" cellpadding="0">
<tr> <td width="33%">1</td><td width="14%">2</td>
<td width="21%">3</td><td width="32%">4</td>
</tr> <tr> <td>5</td><td colspan="2" rowspan="2" align="left"
valign="top">
</td><td>6</td></tr><tr><td>7</td><td>8</td></tr><tr><td>9</td><td>10</td><td>11</td><td>12</td></tr>
</table>
</body>
</html>
```

**SESSION - 9**

**EXERCISE 3 - Create a Web page that should contain a table having seven rows and four columns, along with the attributes - colspan & rowspan.**

Ans: <html><head>HEADING</head>

```
<body><table width="100%" border="1" cellpadding="0">
<tr>
<td width="33%">1</td><td width="14%">2</td><td width="21%">3
</td></tr><tr><td height="21">5</td>
<td colspan="2" rowspan="2" align="left" valign="top">
Example for Colspan and Row Spans</td></tr><tr><td height="21">7
</td></tr><tr><td rowspan="3" align="center" colspan="3">Example for Colspan and Row
Spans</td>
<td>9</td><td>10</td></tr><tr><td>11</td>
<td>12</td></tr><tr><td>13</td><td>14</td>
</tr><tr><td>15</td><td>16</td><td>17</td></tr>
</table>
</body>
```

</html>

### **SESSION -10**

#### **EXERCISE 1 - What are the different versions of HTML ?**

Ans: HTML 4.2, HTML 4.0, HTML 3.2, HTML 3.0, HTML 2

### **SESSION -10**

#### **EXERCISE 2 -List 5 different HTML Editors ?** Ans: a) Macromedia

Dreamweaver b) Microsoft Front page15

c) Web page Maker d) Microsoft Asp.Net Editor

### **SESSION -10**

#### **EXERCISE 3 - What is the different image formats ?**

Ans: JPG - Joint Photographic Expert Group, TIFF - Tagged Image File Format, GIF- Graphical Image File, WMF - Windows Meta File, BMP - Bitmap, PNG - Portable Network Graphics & many more.

---

## **SECTION 2 - ADVANCED HTML**

---

### **2.0 ADVANCED TOPICS OF HTML**

---

#### **2.1 EXERCISE FOR PRACTICE IN LAB SESSION :**

---

### **SESSION - 1**

#### **EXERCISE 1 -How do you handle the situation when the browser**

**doesn't support frames** ? Ans: The <NOFRAMES> tag is used for those browsers that are not able

to interpret <FRAME> tags. If the browser doesn't support FRAME the text between <NOFRAME> and </NOFRAME> will displayed on the browser's window

```
<html><head></head><frameset rows="*,*"" frameborder="NO" border="0">
  <frame src="frn2.htm" name="topFrame">
  <frame src="frn1.htm" name="16ainframe">
</frameset><body><noframes>
  your browser does not handle frames</noframes></body></html>
```

### **SESSION - 1**

#### **EXERCISE 2 -What are inline frames ?**

Ans : An *inline frame* ("floating frame") is a construct which embeds a document into an HTML document so that **embedded data is displayed inside a subwindow**of the browser's window. This does *not* mean full inclusion; the two documents are independent, and both them are treated as complete documents, instead of treating one as part of the other. Support to inline frames is not universal, but with a *properly designed "graceful degradation"*, they can be used

in authoring for the World Wide Web. However, there are serious problems with printing documents containing them. This document also discusses the legal side of the matter as well as the details of the `iframe` element as defined in the HTML specifications, on one hand, and as implemented on IE, on the other.

### **SESSION - 1**

#### **EXERCISE - 3 : Which tag is used to define frames in HTML ?**

Ans: --- Frameset TAG is used - to define frames in HTML :

```
<frameset rows="*,*"" frameborder="NO" border="0" framespacing="0">
<frame src="frn2.htm" name="topFrame" >
<frame src="frn1.htm" name="16ainframe"></frameset>
```

### **SESSION - 2**

#### **EXERCISE - 1 : Write an HTML code to develop a Web Page having two frames that divide the web page into two equal rows ?**

Ans : <html><head></head><frameset rows="\*,\*"" frameborder="NO" border="0" framespacing="0"><frame src="frm1.html" name="topFrame" ><frame src="frm2.html" name="16ainframe" ></frameset><body></body></html>

### **SESSION - 2**

#### **EXERCISE - 2 :Write an HTML code to develop a Web page having two frames that divided the web page into two equal rows and then divide the second row into two equal columns**

? Ans: <html><head></head><frameset rows="\*,\*" cols="\*" frameborder="yes" border="1" framespacing="0"><frame src="frm1.html" name="topFrame" scrolling="NO" noresize ><frameset rows="\*" cols="\*,\*" framespacing="0" frameborder="yes" border="1"><frame src="frm2.html" name="leftFrame" scrolling="NO" noresize><frame src="frm3.html" name="17ainframe"></frameset></frameset><body></body></html>

### **SESSION - 2**

#### **EXERCISE - 3 : Write an HTML code to develoo a Web page having frames as described in the above question and then fill each frame with a different background colour ?**

Ans.

```
<html><head></head>
<frameset rows="*,*" cols="*" frameborder="yes" border="1" framespacing="0">
<frame src="frm1.html" name="topFrame" scrolling="NO" noresize >
<frameset rows="*" cols="*,*" framespacing="0" frameborder="yes" border="1">
<frame src="frm2.html" name="leftFrame" scrolling="NO" noresize>
<frame src="frm3.html" name="17ainframe">
</frameset></frameset>
<body></body>
</html>
```

### **SESSION - 3**

#### **EXERCISE - 1 :What are the tags used to display information for browsers that do not support frames**

**Ans:** <NOFRAMES></NOFRAMES> tag is used to display information for browsersthat does not support frames.

### **SESSION -3**

#### **EXERCISE - 2 : Write the various attributes of frameset tag and frame tag?:**

<!--<FRAMESET ROWS=50%,50%> used to set frame's row's size  
<FRAMESET COLS=50%,50%>used to set frame's column's size  
<FRAMESET ROWS><FRAME SRC="FRM2.HTM">used to insert frame  
<FRAMESET> opening tag (all frame tag must be between <head> and</head> tag)  
</FRAMESET> closing tag SCROLLING attribute is used to set scrolling of a frame (whether scrolling or not(SCROLLING="NO"))FRAMEBORDER attribute is used to set border of a frameFRAMESPACING attribute is used to set space between FRAMES NAME attribute is used to specify the name of a frame (it is an optional attribute)

### **SESSION -3**

#### **EXERCISE - 3 : Write a code in HTML to design a page with two frames. The frame should remain proportionate even when page is re-sized?**

**Ans:**  
<html><head></head><frameset rows="\*, \*" frameborder="NO" border="0" framespacing="0"><frame src="frm2.html" name="topFrame" />  
<frame src="frm1.html" name="mainframe" />  
</frameset><body></body></html>

### **SESSION -4**

#### **EXERCISE - 1 :Write the code to develop the Web page as shown below, using frames :**

**Ans:**  
<html><head></head>  
    <frameset rows="\*" cols="27%,73%"><frame src="frm1.html" />  
    <frameset rows="50%,50%"><frame src="frm2.html" />  
        <frameset cols="50%,50%"><frame src="frm3.html" />  
        <frame src="frm4.html" /></frameset></frameset></frameset>  
<body></body>  
</html>

### **SESSION -4**

#### **EXERCISE - 2 : Write the code to make the background colour of each frame in the above question different .Ans:**

**Ans:**  
<html><head>HEADING</head>  
    <frameset rows="\*" cols="27%,73%">  
        <frame src="frm1.html" />  
        <frameset rows="50%,50%">  
            <frame src="frm2.html" /><frameset cols="50%,50%">  
                <frame src="frm3.html" /><frame  
src="frm4.html" /></frameset></frameset></frameset>  
    <body></body>  
</html>

### **SESSION -4**

### **EXERCISE - 3 : Create a Web Page divided into two equal frames**

?Ans:

```
<html><head>HEADING</head>
<frameset rows="*" cols="50%,50%">
<frame src="frm1.html"><frame src="frm2.html">
</frameset><noframes></noframes><body></body>
</html>
```

### **SESSION - 5**

**EXERCISE - 1 :Create a Web page having two frames, one containing links and the containing content of the links. When link is clicked, appropriate contents should be displayed in Frame 2.** Ans:

```
<html><head>HEADING</head><body>
<table width="100%" height="437" border="1" cellpadding="0">
<tr><td width="22%" align="left" valign="top"><a href="content.html"
target="frn1">Show Content
</a></td><td width="78%" align="left" valign="top">
<iframe name="frn1" frameborder="1"
width="100%"height="100%"></iframe>
</td></tr></table>
</body>
</html>
```

### **SESSION - 5**

**EXERCISE - 2 : Create a Home Page for a TLC in following format :**

Ans:

```
<html><head>HEADING</head>
<frameset rows="*, *" cols="*,*" frameborder="yes" border="1"
framespacing="0">
<frame src="frm1.html" name="topFrame" scrolling="NO" noresize >
<frameset rows="*" cols="*,*" framespacing="0" frameborder="yes"
border="1">
<frame src="frm2.html" name="leftFrame" scrolling="NO" noresize>
<frame src="frm3.html" name="mainframe"></frameset></frameset>
<body></body>
</html>
```

### **SESSION - 5**

**EXERCISE - 3 : Creat a Web page using all the attributes of the frame and other tags ?**

Ans:

```
<html><head>HEAD</head><frameset rows="*" cols="27%,73%">
<frame src="frm1.html"><frameset rows="50%,50%" border="5"
bordercolor="#3300FF">
<frame src="animals7.jpg" width=146 height=162 scrolling="yes"
marginheight="1"marginwidth="1">
<frameset cols="40%,* "><frame src="frm2.html"><frame src="frm3.html">
</frameset></frameset></frameset><noframes></noframes>
<body></body>
</html>
```

## **SESSION - 6**

**EXERCISE - 1 : Design a page with a text box called 'name' and a button with label 'Enter. When you click on the button another page should open, with the message "Welcome <name>", where name should be equal to the name entered in the first page**

Ans:

```
<html><head>HEAD</head>
<script language="JavaScript">function newpages(cont){var msg="Welcome
" +
cont;window.navigate("newpage.html");window.document.write(msg);}</script>
<body>
<form name="form1" method="post" action=""><p>
<input name="name" type="text" id="name" value="aa"> </p><p>
<input type="submit" name="Submit"
value="Enter"onClick="newpages(form1.name.value)">
</p></form>
</body></html>
```

## **SESSION - 6**

**EXERCISE - 2 : What are the values of method attribute of the form TAG ?**

Ans. : Get, Post are two values of method attributes of form tag

## **SESSION - 6**

**EXERCISE - 3 : Set default value of 'name' text box of question 1 of this session to Victoria. Add another button called Reset on click of this button name 'text box' should be set to 100 default value.**

Ans:

```
<html><head>HEAD</head><script language="JavaScript">function
newpages(cont){var msg="Welcome " +
cont;window.navigate("newpage.html");window.document.write(msg);}</script>
<body>
<form name="form1" method="post" action="mailto:mail@abc.com"><p>
<input name="name" type="text" id="name" value="100"> </p><p>
<input type="submit" name="Submit" value="Enter"onClick="newpages(form1.
name.value)"><input type="reset"
name="Submit2" value="Reset"> </p></form></body></html>
```

## **SESSION - 7**

**EXERCISE - 1 : Design a form using all input types.** Ans:

```
<HTML><HEAD>HEADING</HEAD>
<BODY><FORM name="frm1" method="post"
action=""><label>NAME</label>
<INPUT TYPE="TEXT" NAME="name"><BR><label>PASSWORD</label>
<INPUT TYPE="PASSWORD" NAME="PSWRD1" MAXLENGTH=16><BR>
<textarea name="txtarea"></textarea><INPUT TYPE="BUTTON"
NAME="BUTTON1" VALUE="CLICK"><BR><INPUT TYPE="SUBMIT"
NAME="SUBMIT1" VALUE="SUBMIT"><BR><INPUT TYPE="HIDDEN"
```

```
NAME="HIDDEN1"
VALUE="HDVALUE"><BR><label>ACCEPT</label><INPUT TYPE="radio"
NAME="radio1" VALUE="accept"><BR><label>REJECT</label><INPUT
TYPE="radio"
NAME="radio2" VALUE="reject"><BR><label>JAN</label><INPUT
TYPE="CHECKBOX"
NAME="CKECKBOX1"><BR><label>FEB</label><INPUT TYPE="CHECKBOX"
" NAME="CKECKBOX2" CHECKED><BR><INPUT TYPE="RESET"
NAME="RESET1" VALUE="RESET YOUR PAGE"><BR><br><select
name="select">
<option>VB</option><option>VFP</option>
<option>C++</option><option>SIMULA</option>
<option>JAVA</option><option>C</option>
<option>LISP</option></select><br><br><br><select name="select">|<option>HTML</option><option>XML</option>
<option>ASP.NET</option><option selected>C#.NET</option>
<option>JSP.NET</option><option>J2SE</option>
<option>ADO.NET</option></select>
</FORM></BODY></HTML>
```

**SESSION - 7**

**EXERCISE - 2 : Create a simple form accepting : Name, Enrolment Number, and Submit Button.** Ans:

```
<html><head>SIMPLE FORM IGNOU</head><body>
  <form name
"frm1"><label>Name </label>
  <input type "text" size=20><br>
  <label>Enrolment Number</label>
  <input type "text" size=20><br>
  <input type="submit" value="submit"></input></form>
</body></html>
```

**SESSION - 8**

**EXERCISE - 1 : Design a Web Page, which is like 'compose' page of e-mail ?**

Ans:

```
<html><head>COMPOSE PAGE</head><body><form name="form1"
method="post" action="">
<p>To &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" na
me="textfield"> </p><p>Subect <input name="textfield2" type="text"
size="50"> </p><p>Message</p><p>
<textarea name="textarea" cols="50"></textarea></p><p>
<input type="submit" name="Submit" value="Send"></p>
</form>
</body>
</html>
```

SESSION - 8

**EXERCISE - 2 : Which element is used to accept large text inputs**

**from user ?** Ans: TEXTAREA(<TEXTAREA></TEXTAREA>) accepts large text inputs from user.

SESSION - 8

**EXERCISE - 3 : Write a code to create a Web page having radio buttons labeled as name of colours. clicking on each radio button should change the colour of the Web Page.**Ans:

```
<html><head>HEADING</head><body>
  <script language="JavaScript">function colors(col){switch(col){case
  'red':document.bgColor="#FF0000";break;case
  'blue':document.bgColor="#0000FF"; break;case
  'green':document.bgColor="#00FF00"; break;}}</script><form name="form1"
method="post" action="">
<p>
  <label><input type="radio" name="Colors" value="radio"
onClick="colors('red')">Red</label><br>
  <label><input type="radio" name="Colors" value="radio"
onClick="colors('green')">Green</label><br>
  <label><input type="radio" name="Colors" value="radio"
onClick="colors('blue')">Blue</label><br>
</p></form>
</body></html>
```

**SESSION - 9**

### **EXERCISE - 1 :What is the purpose of hidden field ?**

Ans: Hidden field are place to store values which should not be displayed in the page. The hidden values will be used in some operation such as search.

**SESSION - 9**

**EXERCISE - 2 : Create a form accepting the values : Name, Address, Marks in 10+2, Graduation & Post Graduation.**

**Ans:**

## **SESSION - 9**

### **EXERCISE - 3 : Which element is used to display a drop down list box ?**

Ans. : SELECT is used to display the drop down list box

```
<SELECT name="select" size="1"><option>Edit plus</option><option>Word  
pad</option><option>Note pad</option></SELECT>
```

## **SESSION - 10**

### **EXERCISE - 1 :Design Series of ..... Page 3 (Hint you may use hiden fields)**

Ans:

## **SESSION -10**

### **EXERCISE - 2 : Create a Web page; divide that page into two frames.**

### **In one frame create two links that will display different HTML forms in the other frame.**

Ans:

```
<html><head>HEAD</head>  
<frameset rows="*" cols="25%,75%" framespacing="0""  
frameborder="yes" border="6">  
<frame src="frm5.html" name="topFrame" >  
<frame src="frm6.html" name="mainFrame">  
</frameset><noframes><body></body></noframes>  
</html>
```

```
<html><head></head><body bgcolor="#CCCCCC"><p><a href="frm7.html"  
target="mainFrame">Page1</a> </p><p><a href="Img1.jpg"  
target="mainFrame">Page2</a> </p></body></html>
```

### **1.3 Java ScriptSession**

14. How would you write any statement using only one write or writeln()

command?<html><head></head><script language="JavaScript">function  
newpages(){document.writeln("Hi ");document.write("Welcome To My  
Website");}</script><body><form name="form1" method="post" action="">  
<p><input type="submit" name="Submit" value="Enter" onClick="newpages  
()"></p></form></body></html>

5. Embed java script in html document asking user name and then  
printing Hello<user Name>

```
<html><head></head><script language="JavaScript">function newpages
```

```
(txt){document.writeln("Hello " + txt);}</script><body><form
name="form1" method="post" action=""><p>Enter User Name<input
name="t1" type="text" id="t1"></p><p><input type="submit"
name="Submit" value="Enter" onClick="newpages
(form1.t1.value)"></p></form></body></html>
```

6.Create a dialogue box with “Welcome to my website” message.  
`<html><head></head><script language="JavaScript">alert("Welcome to my
website");</script><body></body></html>`

=====

## Session 2

1.Evaluate the expression.

Ans. 7+5b. “7”+”5”c. 7\*5d. 7/5e.7%5  
`<html><head></head><script language="JavaScript">function Calculate(choice){var result;switch
(choice)
{case 1:result=7+5; break;case 2:result="7" + "5"; break;case
3:result=7*5; break;case 4:result=7/5; break;case 5:result=7%5;
break;}document.writeln(result);}</script><body><form name="form1"
method="post" action=""> <p>Evaluate The
Expression</p><p><label><input type="radio" name="RadioGroup1"
value="radio" onClick="Calculate(1)">7+5</label><br><label><input
type="radio" name="RadioGroup1" value="radio" onClick="Calculate
(2)">"7" + "5"</label>
<br><label><input type="radio" name="RadioGroup1"
value="radio" onClick="Calculate(3)">7*5</label><br><label><input
type="radio" name="RadioGroup1" value="radio" onClick="Calculate`

```
(4)">7/5</label><br><label><input type="radio" name="RadioGroup1"
value="radio"onClick="Calculate
(5)">7%5</label><br></p></form></body></html>
```

2. Write the segment of script that would ask the user if he wants a greeting message and if he does, display a gif file called Welcome.gif and display "Welcome to Netscape navigator!" in the document window following the gif.

```
<html><head></head><script
language="JavaScript">function messages(){input_box=confirm("Do You
Want a Greeting");if(input_box==true){window.open
("welcome.jpg");window.document.write("Welcome to Netscape navigator!"
);}else{alert("You Have Selected No");}}</script><body><form
name="form1" method="post" action=""><input type="submit"
name="Submit" value="Submit" onClick="messages
()"></form></body></html>
```

3. Write the object definition for an object called car with four properties model, make, year and price.

```
<html><head><script language="JavaScript">var car=new
Object;car.model="Marcides
Benz";car.year=2008;car.make="DX";car.price=4500000;</script></head><s
cript language="JavaScript">function printdet(){document.write(" Model
: " + car.model);document.write(", Make : " +
car.make);document.write(", Year : " + car.year);document.write(",
```

```
Price : " +car.price);} </script> <body> <form name="form1" method="post" action=""> <input type="submit" name="Submit" value="Print Details" onClick="printdet()"> </form> </body> </html>
```

1. Write a program to display a multiplication

```
table. <html> <head> </head> <script language="JavaScript"> function multable() { var num = prompt("Enter The No"); var i; for(i=0;i<=10;i++) { document.write(num + " * " + i + " = " + num*i + "<br>"); } } </script> <body> <form name="form1" method="post" action=""> <input type="submit" name="Submit" value="Print Details" onClick="multable()"> </form> </body> </html>
```

2. Write code to create a scrolling text.

```
<html> <head> </head> <script language="JavaScript"> function movetext() { if(txt.style.posLeft<720) { txt.style.posLeft=txt.style.posLeft+2; window.setTimeout("movetext()",5); } else { txt.style.posLeft=0; window.setTimeout("movetext()",5); } } </script> <body onLoad="movetext()"> <form name="form1" method="post" action=""> <div id="txt" style="position:relative;top:3;left:0"> <h2> Scrolling Text </h2> </div> </form> </body> </html>
```

Session 42. Write a program to change color of text

```
randomly <html> <head> <script language="JavaScript"> var colors=new Array(6); colors[0]="#ooooFF"; colors[1]="#FFoooo"; colors[2]
```

```

="#006600";colors[3]="#FFCC00";colors[4]=="#00FFFF"; colors[5]
="#000000";var i=1;</script></head><script
language="JavaScript">function changecolor(){ document.bgColor=colors
[i];i++;if(i>5)i=0;setTimeout("changecolor()",100);}</script><body
onLoad="changecolor()"><div align="center"><strong><font
size="7">Hello </font></strong> </div></body></html>

```

3.Create a web page using two image files, which switch b/w on another as themouse pointer moves over the image. Use on mouse over and on mouse out eventhandler.<html><head><script

```

language="JavaScript">function MM_swapImgRestore() {var
i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++)
x.src=x.oSrc;}function MM_preloadImages() {var d=document; if
(d.images){ if(!d.MM_p) d.MM_p=new Array();var
i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length;i++
)if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a
[i];}}}
function MM_findObj(n, d) {var p,i,x; if(!d) d=document; if
((p=n.indexOf("?"))>0&&parent.frames.length) {d=parent.frames
[n.substring(p+1)].document; n=n.substring(0,p);}if(!(x=d[n])&&d.all)
x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++)x=d.forms[i][n];for
(i=0;!x&&d.layers&&i<d.layers.length;i++)x=MM_findObj(n,d.layers
[i].document);if(!x && d.getElementById) x=d.getElementById(n); return
x;}
function MM_swapImage() {var i,j=0,x,a=MM_swapImage.arguments;
document.MM_sr=new Array;for(i=0;i<(a.length-2);i+=3)if

```

```
((x=MM_findObj(a[i]))!=null){document.MM_sr[j++]=x; if(!x.oSrc)
x.oSrc=x.src; x.src=a[i+2];}</script></head><body
onLoad="MM_preloadImages('welcome.JPG')"><a href="#">
onMouseOut="MM_swapImgRestore()" onMouseOver="MM_swapImage
('Image1','welcome.JPG',1)"></a></body></html>
```

Session 52 . Use the date function get & set date to prompt the user for an integer b/w 1-31 &return day of the week it represents.

```
<html><head></head><script language="JavaScript">function
setdate(){var dt=new Date();dt=new Date
(form1.y.value,form1.m.value,form1.d.value);form1.gt.value=dt.getDate
() + "/" + dt.getMonth() + "/" + dt.getFullYear();}</script><body><form
name="form1" method="post" action=""><p>Day <input name="d"
type="text" id="d" size="3">Month <input name="m" type="text" id="m"
size="3">Year <input name="y" type="text" id="y" size="4"><input
type="button" name="Button" value="SetDate" onClick="setdate
()"/></p><p> Date <input name="gt" type="text" id="gt">
</p></form></body></html>
```

2.Display time and print the message accordingly e.g Good morning in morning etc.

```
<html><head><script language="JavaScript">var dt=new Date
();document.write("Good Morning The Time Is : " + dt.getHours() + ":" +
dt.getMinutes() + ":" + dt.getSeconds
());</script></head><body></body></html>
```

Session 61.Using java script create a digital clock.

```
<html><head></head><script language="JavaScript">function getTimes(){var dt=new Date();form1.t.value= dt.getHours() + ":" + dt.getMinutes() + ":" + dt.getSeconds();window.setTimeout("getTimes()",1000);}</script><body onLoad="getTimes()"><form name="form1" method="post" action=""><input name="t" type="text" id="t"></form></body></html>
```

Session 71.Using java script create a calculator.

```
<html><head></head><script language="JavaScript">function calc(ch){if(ch=="=")form1.t.value= eval(form1.t.value);elseif (ch=="C")form1.t.value= "";elseform1.t.value+=ch;}</script><body onLoad="getTimes()"><form name="form1" method="post" action=""><input name="t" type="text" id="t"><br><input type="button" name="Button" value="7" onClick="calc('7')"><input type="button" name="Submit2" value="8" onClick="calc('8')"><input type="button" name="Submit3" value="9" onClick="calc('9')"> <input type="button" name="Submit4" value="+" onClick="calc('+')"><br><input type="button" name="Submit5" value="4" onClick="calc('4')"><input type="button" name="Submit6" value="5" onClick="calc('5')"><input type="button" name="Submit7" value="6" onClick="calc('6')"><input type="button" name="Submit8" value="-" onClick="calc('-')"><br><input type="button" name="Submit9" value="1" onClick="calc('1')"><input type="button" name="Submit10"
```

```

value="2" onClick="calc('2')">><input type="button" name="Submit11"
value="3" onClick="calc('3')">><input type="button" name="Submit12"
value="*" onClick="calc('*')">><br><input type="button" name="Submit13"
value="o" onClick="calc('o')">><input type="button" name="Submit14"
value="C" onClick="calc('C')">><input type="button" name="Submit15"
value="=" onClick="calc('=')">><br></form></body></html>

```

Session 81.Create a web page with a textbox and check for validation.

If empty display message and set focus to it, if filled display thank you.

```

<html><head></head><script language="JavaScript">function check()
{if(form1.t.value==""){alert("Enter The Text");form1.t.focus();}else
{alert("Thank You");}}</script><body><form name="form1" method="post"
action="">Enter a Text<input name="t" type="text" id="t"><input
type="submit" name="Submit" value="Submit" onClick="check
()"></form></body></html>

```

Session 111. Create a program to generate a hit counter

```

<html><head></head><script language="JavaScript">var
counter;counter=0;function count(){counter++;alert("Counter : " +
counter);}</script><body><form name="form1" method="post"
action=""><div align="center"><input type="button" name="Button"
value="Hit Me" onClick="count()"></div></form></body></html>

```

2.Create a program to check email address provided by the user is valid or invalid.

```

<html><head></head><script

```

```

language="JavaScript">function check(){if(form1.t.value==""){alert
("Enter The Text");form1.t.focus();}else{var
email,a,d,diff,k,c;email=form1.t.value;a=email.indexOf
('@');d=email.indexOf('.');diff=parseInt(d)-parseInt(a);k=parseInt
(d)+1;c=email.charAt(k);if(a<1||diff<=1||c==""){alert("Invalid Email
ID");form1.t.focus();}}}</script><body><form name="form1"
method="post" action="">Enter Email ID <input name="t" type="text"
id="t"><input type="submit" name="Submit" value="Submit"
onClick="check()"></form></body></html>

```

Session 121. Write a program to scroll the text on status

```

bar.<html><head></head><html><head></head><script
language="JavaScript">var ar="Scrolling Text";var space="";var
i;i=1;function count(){var cont,k=0;cont="";while(k<=i){cont=cont +
";k++;}status=cont +ar;i++;if(i>100)i=0;window.setTimeout("count
()",5);}</script><body onLoad="count
()></body></html><body></body></html>

```

2. Write a program to create a small window in a main

```

window.<html><head><script language="JavaScript">window.open
("newwindow.html");</script></head><body></body></html>

```

Session 151. Use java script for authentication and verification of the  
text boxes in the staticsite developed by the student in the html  
exercise.<html><head></head><script language="JavaScript">function

```

check(){if(form1.t.value==""){alert("Enter The
Username");form1.t.focus();}else if(form1.t2.value==""){alert("Enter
The Password");form1.t2.focus();}else{if((form1.t.value!="")||
(form1.t2.value!="")){alert("Invalid Username or Password");}}}
</script><body><form name="form1" method="post" action=""><p>User
Name
<input name="t" type="text" id="t"> </p><p>Password <input name="t2"
type="password" id="t2"> </p><p> <input type="button" name="Button"
value="Button" onClick="check()"></p></form></body></html>

```

a.VB ScriptSession 11. Write a program to display the following on a

```

web pageHello <User Name><html><head></head><script
language="VBScript">sub newpages(txt)document.writeln("Hello " + txt)
end sub</script><body><form name="form1" method="post"
action=""><p>Enter User Name<input name="t1" type="text"
id="t1"></p><p><input type="submit" name="Submit"
value="Enter"onClick="newpages
(form1.t1.value)"></p></form></body></html>

```

2.Create a web page that display a message box with the

```

message“welcome to my web site”<html><head></head><script
language="VBScript">sub msgs()msgbox("Welcome To My Web Site")end
sub</script><body><form name="form1" method="post" action=""><p>
<input type="submit" name="Submit" value="Message"onClick="msgs()">
</p></form></body></html>

```

3. Write code to change color of text

```
randomly.<html><head></head><script language="VBScript">dim colors(5)
colors(0)="#0000FF"colors(1)="#FF0000"colors(2)="#006600"colors(3)
="#FFCC00"colors(4)="#00FFFF"colors(5)="#000000"dim ii=oSub
changeColor()msgBox("Welcome To My Web Site")document.fgColor=colors
(i)i=i+1if(i>5)then i=oEnd If window.setTimeout("changeColor()",100)
end sub</script><body onLoad="changeColor()"><div
align="center"><strong><font size="7">Hello </font></strong>
</div></body></html>
```

Session 21. Write a VB Script code that accepts the length, breadth and height and display the area of a rectangle.

```
<html><head></head><script
language="VBScript">sub area()dim l,b,h,ar
l=form1.l.value b=form1.b.value h=form1.h.value ar=l*b*hmsgBox("Area " &
ar)end sub</script><body onLoad="changeColor()"><form name="form1"
method="post" action="">Length <input name="l" type="text"
id="l">Breadth <input name="b" type="text" id="b">Height <input
name="h" type="text" id="h"><br><input type="button" name="Button"
value="Area" onClick="area()"></form></body></html>
```

2. Create a programme to generate a hit counter

```
<html><head></head><script language="VBScript">dim counter
counter=oSub count()counter=counter+1msgBox("Counter : " & counter)end
sub</script><body><form name="form1" method="post" action=""><div
```

```
align="center"><input type="button" name="Button" value="Hit Me"  
onClick="count()"></div></form></body></html>
```

### Session 31. Using vbscript create a calculator

```
<html><head></head><script language="VBScript">sub calc(ch)if(ch=="")  
then form1.t.value= eval(form1.t.value)elseif(ch="C")  
then form1.t.value= ""elseform1.t.value=form1.t.value & chend if end if  
end sub</script><body onLoad="getTimes()"><form name="form1"  
method="post" action=""><input name="t" type="text" id="t"><br><input  
type="button" name="Button" value="7" onClick="calc('7')"><input  
type="button" name="Submit2" value="8" onClick="calc('8')"><input  
type="button" name="Submit3" value="9" onClick="calc('9')"><input  
type="button" name="Submit4" value="+" onClick="calc('+')"><br><input  
type="button" name="Submit5" value="4" onClick="calc('4')"><input  
type="button" name="Submit6" value="5" onClick="calc('5')"><input  
type="button" name="Submit7" value="6" onClick="calc('6')"><input  
type="button" name="Submit8" value="-" onClick="calc('-')"><br><input  
type="button" name="Submit9" value="1" onClick="calc('1')"><input  
type="button" name="Submit10" value="2" onClick="calc('2')"><input  
type="button" name="Submit11" value="3" onClick="calc('3')"><input  
type="button" name="Submit12" value="*" onClick="calc('*')"><br><input  
type="button" name="Submit13" value="0" onClick="calc('0')"><input  
type="button" name="Submit14" value="C" onClick="calc('C')"><input  
type="button" name="Submit15" value="/" onClick="calc
```

```
('=')"><br></form></body></html>
```

Session 41.Create a programme to check for null or empty

```
string<html><head></head><script language="VBScript">sub check()if  
(form1.t.value=="")thenmsgbox("Enter The Text")form1.t.focus()  
elsealert("Thank You")end if end sub</script><body><form name="form1"  
method="post" action="">Enter a Text<input name="t" type="text"  
id="t"><input type="submit" name="Submit" value="Submit"  
onClick="check()"></form></body></html>
```

2.Create a form that has e-mail field. Now Write VB Script code for

```
Validation.<html><head></head><script language="VBScript">sub check()  
if(form1.t.value=="")thenalert("Enter The Text")form1.t.focus()elsedim  
email,a,d,diff,k,cemail=form1.t.valuea=InStr(1,email,"@")d=InStr  
(1,email,".")diff=d-ak=d+1c=Mid(email, k, 1)if(a<1 or diff<=1 or  
c=="")thenalert("Invalid Email ID")form1.t.focus()end if end if end  
sub</script><body><form name="form1" method="post" action="">Enter  
Email ID <input name="t" type="text" id="t"><input type="submit"  
name="Submit" value="Submit" onClick="check()"></form></body></html>
```

Session 51.List Mouse and Key events in vbscriptMouse Events :

MouseOver, MouseOutKey Events : KeyUp,KeyDown,KeyRelease,

KeyPress2.How do you create random numbers in vbscript?Random No is  
Generated byRndFunction

Session 61.Create a form in HTML containing the following files and then perform the validation of each field using VBScript. Name-textboxAddress-textboxDate Of Birth-Combo boxEmail-textbox

```
<html><head></head><script language="VBScript">sub check()if
(form1.n.value="")then alert("Enter The Name")form1.n.focus()elseif
(form1.a.value="")then alert("Enter The Address")form1.a.focus()elseif
(form1.y.value="")then alert("Enter The Year")form1.y.focus()elseif
(form1.d.value="")then alert("Select The Day")form1.d.focus()elseif
(form1.m.value="")then alert("Select The Month")form1.m.focus()elseif
(form1.mail.value="")thendif
email,a,d,diff,k,cemail=form1.t.valuea=InStr(1,email,"@")d=InStr
(1,email,".")diff=d-ak=d+1c=Mid(email, k, 1)if(a<1 or diff<=1 or
c="")then alert("Invalid Email ID")form1.t.focus()end if end if end
sub</script><body><form name="form1" method="post"
action=""><p>Name<input name="n" type="text" id="n"><br>Address<input
name="a" type="text" id="a"><br>Date Of Birth : Day<select name="d"
id="d"
><option>1</option><option>2</option><option>3</option><option>4</opt
i
on><option>5</option><option>6</option><option>7</option><option>8</
op
tion><option>9</option><option>10</option>
<option>11</option><option>12</option><option>13</option><option>14</
o
ption><option>15</option><option>16</option><option>17</option><option>
```

```

>18</option><option>19</option><option>20</option>
<option>21</option><option>22</option><option>23</option><option>24</o
ption><option>25</option><option>26</option><option>27</option><option>
n
>28</option><option>29</option><option>30</option><option>31</option><
><
/select>Month<select name="m"
id="m"><option>Jan</option><option>Feb</option><option>Mar</option><
option>Aprl</option><option>May</option><option>Jun</option><option>Jul
y
</option><option>Aug</option><option>Sep</option><option>Oct</option><
option>Nov</option><option>Dec</option></select>Year <input name="y"
type="text" id="y" size="6"><br>Email Id <input name="mail"
type="text" id="mail"><br> <input type="button" name="Button"
value="Button"onClick="check()"></form></body></html>

```

## Session 8

1.Create a program the accepts the time from the system clock and accordingly displays a Good morning, Good Afternoon and Good Evening message to the user

```

<html><head></head><script language="VBScript">sub
wish()dim hh=Datepart("h",Now)if h>=1 and h<=12 thenmsgbox("Good
Morning")elseif h>=13 and h<=18 thenmsgbox("Good Afternoon")
elsemsgbox("Good Evening")end if end sub</script><body onLoad="wish
()"></body></html>

```

Session 91. Write a programme that uses For next Looping Statements to create a FibonacciSeries.

```
<html><head></head><script language="VBScript">sub fib()dim a,b,c a=1 b=1 document.write("First 10 Fibonacci Series<br>") document.write(a & " " & b & " ") for i=3 to 10 c=cint(a)+cint(b) document.write(c & " ") a=b b=c next end sub</script><body onLoad="fib()"></body></html>
```

2. Using Do While display the factorial of a

```
number.<html><head></head><script language="VBScript">sub fact(n)dim f,i f=1 i=1 do while(i<=cint(n)) f=cint(f)*cint(i) i=i+1 loop document.write("<br>Factorial Of " & n & " is " & f) end sub</script><body><form name="form1" method="post" action=""><input name="n" type="text" id="n"><input name="Button" type="button" onClick="fact(form1.n.value)" value="Factorial"></form></body></html>
```

Session 101. Write a Program that displays the multiplication of two

```
matrices.<html><head></head><script language="VBScript">sub matmul() dim m1(3,3),m2(3,3),m3(3,3),count,i,j count=0 msgbox("Enter First matrix") for i=0 to 2 for j=0 to 2 m1(i,j)=inputbox("") next next msgbox("Enter Second matrix") for i=0 to 2 for j=0 to 2 m2(i,j)=inputbox("") next next document.write("<br>Product of two Matrix<br>") for i=0 to 2 for j=0 to 2 for k=0 to 2 m3(i,j)=cint(m3(i,j))+cint(m1(i,k))* cint(m2(k,j)) next next next for i=0 to 2 for j=0 to 2 document.write(" " & m1(i,j)) next document.write("<br>") next document.write("<br>+<br>") for i=0
```

```

to 2for j=0 to 2document.write(" " & m2(i,j))nextdocument.write
("<br>")nextdocument.write("<br>=<br>")for i=0 to 2for j=0 to
2document.write(" " & m3(i,j))nextdocument.write("<br>")nextend
sub</script><body onLoad="matmul()"></body>

```

3 . Write a program that accepts a number from the user and displays its factorialonly if it is a prime number.

```

<html><head></head><script
language="VBScript">sub ChkPrime(n)dim i,prime,k  prime=truefor i=2 to
cint(n)/2if (n Mod i)=0 thenprime=falseendif nextif prime=true
thenfact(n)elsedocument.write("<br>The Number is Not Prime")end if end
subsub fact(n)dim f,if=1i=1do while(i<=cint(n))f=cint(f)*cint(i)i=i
+1loopdocument.write("<br>Factorial Of " & n & " is " & f)end
sub</script><body><form name="form1" method="post" action=""><input
name="n" type="text" id="n"><input name="Button" type="button"
onClick="ChkPrime
(form1.n.value)" value="factorial"></form></body></html>

```

DreamweaverSESSION 11.Design a home page of your TLC.

```

<!DOCTYPE HTML
PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"><html><head><title>Untitled Document</title><meta
http-equiv="Content-Type" content="text/html; charset=iso-8859-
1"></head><body><table width="100%" border="1" cellpadding="0"><tr><td
bgcolor="#ccc123"><div align="center"><strong><font

```

size="6">>IGNOUPROGRAM STUDY  
 CENTER</font></strong></div></td></tr><tr><td bgcolor="#cccc12"><div align="center"><strong><font size="6">WELCOMETO</font></strong></div></td></tr><tr><td bgcolor="pink"><div align="center"><strong><br><font size="4"><a href="faculty\_coord.html">FACULTIES ANDCOORDINATORS</a><br><a href="theory\_b\_schedule.html">THEORY BATCH SCHEDULES</a> <br><a href="prac\_b\_schedule.html">PRACTICAL BATCH SCHEDULES</a><br><a href="sem\_detail.html">SEMESTER WISE LIST OF STUDENTS</a> <br><a href="assignment.html">ASSIGNMENT AND VIVA-VOCE</a> <br><a href="ask\_y\_question.htm">ASK YOUR QUESTION</a> <br><a href="mail.htm">MAIL US</a></font></strong><fontsize="4"></font></div></td></tr></table><p align="center"><br></p></body></html>

2.Design a Home Page for a toy Company. The page has an image as the

background. Do some text attracting format.

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01

Transitional//EN"><html><head><title>Toy Page</title><meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"></head><body background="646.jpg"><table width="100%" border="0" cellpadding="0"><tr><td><div align="center"><strong><font color="#33FF00" size="7">Tom ToysCenter</font></strong></div></td></tr><tr><td>&ampnbsp</td></tr><tr>

```

<td align="left" valign="top"><table width="100%" border="1" cellpadding="0"><tr><td width="27%"><table width="100%" border="1" cellpadding="0"><tr><td><div align="center"><font size="5"><strong><a href="prof.htm">Profiles</a></strong></font></div></td></tr><tr><td><div align="center"><font size="5"><strong><a href="Toys.htm">Toys</a></strong></font></div></td></tr><tr><td><div align="center"><font size="5"><strong><a href="cont.htm">ContactUs</a></strong></font></div></td></tr></table></td><td width="73%" align="left" valign="top"><div align="justify"><font color="#FFFFFF" size="4">We are one of the leading toy company in the city and have branches in all major districts throughout kerala. Our toy Shop contains a wide variety of collection of toys which suits the choice of your kids. Toys possess a high quality. The toys are normally imported from European and American Countries.</font></div></td></tr></table></td></tr><tr><td>&nbsp;</td></tr></table></body></html>

```

3. Insert a image in your page and give a zig zag motion to the image in your page (using timeline).<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"><html><head><title>Untitled Document</title><meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"><script language="JavaScript"

```

type="text/JavaScript"><!--function MM_timelinePlay(tmLnName, myID) {
//v1.2//Copyright 1997, 2000 Macromedia, Inc. All rights reserved.var
i,j,tmLn,props,keyFrm,sprite,numKeyFr,firstKeyFr,propNum,theObj,firstT
ime=false;if (document.MM_Time == null) MM_initTimelines(); //if
*very* 1st timetmLn = document.MM_Time[tmLnName];if (myID == null) {
myID = ++tmLn.ID; firstTime=true;}//if new call, incr IDif (myID ==
tmLn.ID) { //if Im newestsetTimeout('MM_timelinePlay="'+tmLnName
+','+myID+')',tmLn.delay);fNew = ++tmLn.curFrame;for (i=0;
i<tmLn.length; i++) {sprite = tmLn[i];if (sprite.charAt(0) == 's') {if
(sprite.obj) {numKeyFr = sprite.keyFrames.length; firstKeyFr =
sprite.keyFrames[0];if (fNew >= firstKeyFr && fNew <=
sprite.keyFrames[numKeyFr-1]) {//inrangekeyFrm=1;for (j=0;
j<sprite.values.length; j++) {props = sprite.values[j];if (numKeyFr !=

props.length) {if (props.prop2 == null) sprite.obj[props.prop] =
props[fNew-firstKeyFr];else sprite.obj[props.prop2][props.prop] =
props[fNew-firstKeyFr];} else {while (keyFrm<numKeyFr &&
fNew>=sprite.keyFrames[keyFrm])keyFrm++;if (firstTime ||
fNew==sprite.keyFrames[keyFrm-1]) {if (props.prop2 == null)
sprite.obj[props.prop] = props[keyFrm-1];else sprite.obj[props.prop2]
[props.prop] = props[keyFrm-1];} } } } } } else if (sprite.charAt(0)
=='b' && fNew == sprite.frame) eval(sprite.value);if (fNew >
tmLn.lastFrame) tmLn.ID = o;} } }function MM_initTimelines() {
//v4.0//MM_initTimelines() Copyright 1997 Macromedia, Inc. All rights
reserved.var ns = navigator.appName == "Netscape";var ns4 = (ns &&

```

```

parseInt(navigator.appVersion) == 4);var ns5 = (ns && parseInt
(navigator.appVersion) > 4);document.MM_Time = new Array
(1);document.MM_Time[o] = new Array(3);document.MM_Time["Timeline1"]
=
document.MM_Time[o];document.MM_Time[o].MM_Name =
"Timeline1";document.MM_Time[o].fps = 15;document.MM_Time[o][o] = new
String("sprite");document.MM_Time[o][o].slot = 1;if (ns4)
document.MM_Time[o][o].obj = document["Layer1"];else if (ns5)
document.MM_Time[o][o].obj = document.getElementById
("Layer1");elsedocument.MM_Time[o][o].obj = document.all ?
document.all["Layer1"] :null;document.MM_Time[o][o].keyFrames = new
Array(1, 15);document.MM_Time[o][o].values = new Array(2);if (ns5)
document.MM_Time[o][o].values[o] = new Array("21px", "24px",
"28px", "31px", "35px", "38px", "42px", "45px", "48px", "52px", "55px",
"59px", "62px", "66px", "69px");elsedocument.MM_Time[o][o].values[o] =
newArray
(21,24,28,31,35,38,42,45,48,52,55,59,62,66,69);document.MM_Time[o]
[o].values[o].prop = "left";if (ns5)document.MM_Time[o][o].values[1] =
new Array("16px", "21px", "25px", "30px", "35px", "39px", "44px",
"48px", "53px", "58px", "62px", "67px", "72px", "76px", "81px");else
document.MM_Time[o][o].values[1] = newArray
(16,21,25,30,35,39,44,48,53,58,62,67,72,76,81);document.MM_Time[o]
[o].values[1].prop = "top";if (!ns4) {document.MM_Time[o][o].values
[o].prop2 = "style";document.MM_Time[o][o].values[1].prop2 =

```

```

"style";}document.MM_Time[0][1] = new String
("sprite");document.MM_Time[0][1].slot = 1;if (ns4)document.MM_Time
[0][1].obj = document["Layer1"];else if (ns5)document.MM_Time[0]
[1].obj = document.getElementById("Layer1");elsedocument.MM_Time[0]
[1].obj = document.all ? document.all["Layer1"]
:null;document.MM_Time[0][1].keyFrames = new Array(16,
30);document.MM_Time[0][1].values = new Array(2);if (ns5)
document.MM_Time[0][1].values[0] = new Array("69px", "77px",
"85px","93px", "102px", "110px", "118px", "126px", "134px", "142px",
"150px", "159px", "167px", "175px", "183px"); elsedocument.MM_Time[0]
[1].values[0] = newArray
(69,77,85,93,102,110,118,126,134,142,150,159,167,175,183);document.MM_
Time[0][1].values[0].prop = "left"; if (ns5)document.MM_Time[0]
[1].values[1] = new Array("81px", "77px", "72px","68px", "63px",
"59px", "54px", "50px", "45px", "41px", "36px", "32px", "27px","22px",
"18px");elsedocument.MM_Time[0][1].values[1] = newArray
(81,77,72,68,63,59,54,50,45,41,36,32,27,22,18);document.MM_Time[0]
[1].values[1].prop = "top";if (!ns4) {document.MM_Time[0][1].values
[0].prop2 = "style";document.MM_Time[0][1].values[1].prop2 =
"style";}document.MM_Time[0][2] = new String
("sprite");document.MM_Time[0][2].slot = 1;if (ns4)document.MM_Time
[0][2].obj = document["Layer1"];else if (ns5)document.MM_Time[0]
[2].obj = document.getElementById("Layer1");elsedocument.MM_Time[0]

```

```

[2].obj = document.all ? document.all["Layer1"]
:null;document.MM_Time[o][2].keyFrames = new Array(31,
45);document.MM_Time[o][2].values = new Array(2);if (ns5)
document.MM_Time[o][2].values[o] = new Array("183px", "191px","198px",
"206px", "213px", "221px", "228px", "236px", "243px", "251px","258px",
"266px", "273px", "281px", "288px"); elsedocument.MM_Time[o]
[2].values[o] = newArray
(183,191,198,206,213,221,228,236,243,251,258,266,273,281,288);document
.MM_Time[o][2].values[o].prop = "left";if (ns5)document.MM_Time[o]
[2].values[1] = new Array("18px", "23px", "28px","32px", "37px",
"42px", "47px", "51px", "56px", "61px", "66px", "71px", "75px","80px",
"85px");elsedocument.MM_Time[o][2].values[1] = newArray
(18,23,28,32,37,42,47,51,56,61,66,71,75,80,85);document.MM_Time[o]
[2].values[1].prop = "top";if (!ns4) {document.MM_Time[o][2].values
[o].prop2 = "style";document.MM_Time[o][2].values[1].prop2 =
"style";}document.MM_Time[o].lastFrame = 45;for (i=o;
i<document.MM_Time.length; i++) {document.MM_Time[i].ID =
null;document.MM_Time[i].curFrame = o;document.MM_Time[i].delay =
1000/document.MM_Time[i].fps;}//--></script></head><body
onLoad="MM_timelinePlay('Timeline1')"><div id="Layer1"
style="position:absolute; left:21px; top:16px;
width:192px;height:147px; z-index:1"></div></body></html>

```

SESSION 41 . Design a form as follows.

```
<!DOCTYPE HTML PUBLIC
"-//W3C//DTD HTML 4.01 Transitional//EN"><html><head><title>Untitled
Document</title><meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1"></head><body><form name="form1"><table
width="100%" border="0" cellpadding="0" cellspacing="0"><tr><td
width="23%">Your name</td><td width="77%"><input type="text"
name="textfield"></td></tr><tr><td>Your Address</td><td><input
type="text" name="textfield2"></td></tr><tr><td>&ampnbsp</td><td><input
type="text" name="textfield3"></td></tr><tr><td>Your
Gender</td><td><input type="radio" name="radiobutton"
value="radiobutton">Male<input type="radio" name="radiobutton"
value="radiobutton">Female </td></tr><tr><td>Your
Country</td><td><select name="select"
size="1"><option>India</option><option>America</option><option>Canada<
</option><option>Denmark</option><option>Egypt</option><option>France
</option><option>Germany</option><option>Hungry</option></select></td>
</tr><tr><td>Your
Opinion</td><td>&ampnbsp</td></tr><tr><td>&ampnbsp</td><td><textarea
name="textarea"
cols="50"></textarea></td></tr><tr><td>&ampnbsp</td><td><input
type="reset" name="Reset" value="Reset"><input type="submit"
name="Submit2"
value="Submit"></td></tr></table></form></body></html>
```

SESSION 21 . Insert an image in a page. In the browser, when you take cursor over it, another image emerges under it and when you click on the second image, it takes you to exercise 2 of session 1.<!DOCTYPE

HTML PUBLIC "-//W3C//DTD HTML 4.01

```
Transitional//EN"><html><head><title>Untitled Document</title><meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"><script language="JavaScript" type="text/JavaScript"><!--function MM_swapImgRestore() { //v3.ovar i,x,a=document.MM_sr; for (i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++)x.src=x.oSrc;} function MM_preloadImages() { //v3.ovar d=document; if(d.images){ if(!d.MM_p) d.MM_p=new Array();var i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length; i++)if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];}}}>function MM_findObj(n, d) { //v4.01var p,i,x; if(!d) d=document; if((p=n.indexOf("?"))>o&&parent.frames.length) {d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}if(!(x=d[n]))&&d.all) x=d.all[n]; for (i=o; i<x&&i<d.forms.length;i++) x=d.forms[i][n];for(i=o; i<x&&d.layers&&i<d.layers.length;i++)x=MM_findObj(n,d.layers[i].document);if(!x && d.getElementById) x=d.getElementById(n); return x;}>function MM_swapImage() { //v3.ovar i,j=0,x,a=MM_swapImage.arguments; document.MM_sr=new Array;for(i=0;i<
```

```
(a.length-2);i+=3)if ((x=MM_findObj(a[i]))!=null){document.MM_sr[j++]
=x; if(!x.oSrc)x.oSrc=x.src; x.src=a[i+2];}//--></script></head><body
onLoad="MM_preloadImages('animals7.JPG')"><a href="ex1session2.htm"
onMouseOut="MM_swapImgRestore()"onMouseOver="MM_swapImage
('Image1','animals7.JPG',1)"></a></body></html>
```

### 1.3 Java ScriptSession

14.How would you write any statement using only one write or writeln()

```
command?<html><head></head><script language="JavaScript">function  
newpages(){document.writeln("Hi ");document.write("Welcome To My  
Website");}</script><body><form name="form1" method="post" action="">  
<p><input type="submit" name="Submit" value="Enter" onClick="newpages  
()"></p></form></body></html>
```

5.Embed java script in html document asking user name and then  
printing Hello<user Name>

```
<html><head></head><script language="JavaScript">function newpages  
(txt){document.writeln("Hello " + txt);}</script><body><form  
name="form1" method="post" action=""><p>Enter User Name<input  
name="t1" type="text" id="t1"></p><p><input type="submit"  
name="Submit" value="Enter" onClick="newpages  
(form1.t1.value)"></p></form></body></html>
```

6.Create a dialogue box with “Welcome to my website” message.

```
<html><head></head><script language="JavaScript">alert("Welcome to my  
website");</script><body></body></html>
```

=====

Session 2

1.Evaluate the expressiona.

Ans. 7+5b. “7”+”5”c. 7\*5d. 7/5e.7%5<html><head></head><script

```
language="JavaScript">function Calculate(choice){var result;switch
```

```
(choice)
```

```
{case 1:result=7+5; break;case 2:result="7" + "5"; break;case
```

```
3:result=7*5; break;case 4:result=7/5; break;case 5:result=7%5;
```

```
break;}document.writeln(result);}</script><body><form name="form1"
```

```

method="post" action=""> <p>Evaluate The
Expression</p><p><label><input type="radio" name="RadioGroup1"
value="radio" onClick="Calculate(1)">7+5</label><br><label><input
type="radio" name="RadioGroup1" value="radio" onClick="Calculate
(2)">"7" + "5"</label>
<br><label><input type="radio" name="RadioGroup1"
value="radio" onClick="Calculate(3)">7*5</label><br><label><input
type="radio" name="RadioGroup1" value="radio" onClick="Calculate
(4)">7/5</label><br><label><input type="radio" name="RadioGroup1"
value="radio" onClick="Calculate
(5)">7%5</label><br></p></form></body></html>

```

2. Write the segment of script that would ask the user if he wants a greeting message and if he does, display a gif file called Welcome.gif and display "Welcome to Netscape navigator!" in the document window following the gif.

```

<html><head></head><script
language="JavaScript">function messages(){input_box=confirm("Do You
Want a Greeting");if(input_box==true){window.open
("welcome.jpg");window.document.write("Welcome to Netscape navigator!"
);}else{alert("You Have Selected No");}}</script><body><form
name="form1" method="post" action=""><input type="submit"
name="Submit" value="Submit" onClick="messages
()"></form></body></html>

```

3. Write the object definition for an object called car with four

properties model, make, year and price.

```
<html><head><script language="JavaScript">var car=new  
Object;car.model="Marcides  
Benz";car.year=2008;car.make="DX";car.price=4500000;</script></head><s  
cript language="JavaScript">function printdet(){document.write(" Model  
: " + car.model);document.write(", Make : " +  
car.make);document.write(", Year : " + car.year);document.write(",  
Price : " +car.price);}</script><body><form name="form1" method="post"  
action=""><input type="submit" name="Submit" value="Print Details"  
onClick="printdet()"></form></body></html>
```

1. Write a program to display a multiplication

```
table.<html><head></head><script language="JavaScript">function  
multable(){var num=prompt("Enter The No");var i;for(i=0;i<=10;i++)  
{document.write(num + " * " + i + " = " + num*i + "<br>");}  
</script><body><form name="form1" method="post" action=""><input  
type="submit" name="Submit" value="Print Details" onClick="multable  
()"></form></body></html>
```

2. Write code to create a scrolling text.

```
<html><head></head><script  
language="JavaScript">function movetext(){if(txt.style.posLeft<720)  
{txt.style.posLeft=txt.style.posLeft+2;window.setTimeout("movetext  
()",5);}  
else{txt.style.posLeft=0;window.setTimeout("movetext()",5);}}
```

```

</script><body onLoad="movetext()"><form name="form1" method="post"
action=""><div id="txt"
style="position:relative;top:3;left:0"><h2>Scrolling
Text</h2></div></form></body></html>

```

Session 42. Write a program to change color of text

```

randomly<html><head><script language="JavaScript">var colors=new
Array(6);colors[0]="#ooooFF"; colors[1]="#FFoooo"; colors[2]
="#0066oo";colors[3]="#FFCCoo";colors[4]="#ooFFFF"; colors[5]
="#oooooooo";var i=1;</script></head><script
language="JavaScript">function changecolor(){ document.fgColor=colors
[i];i++;if(i>5)i=0;setTimeout("changecolor()",100);}</script><body
onLoad="changecolor()"><div align="center"><strong><font
size="7">>Hello </font></strong> </div></body></html>

```

3.Create a web page using two image files, which switch b/w on another  
as themouse pointer moves over the image. Use on mouse over and on  
mouse out eventhandler.<html><head><script

```

language="JavaScript">function MM_swapImgRestore() {var
i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++)
x.src=x.oSrc;}function MM_preloadImages() {var d=document; if
(d.images){ if(!d.MM_p) d.MM_p=new Array();var
i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length;i
++)if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a

```

```

[i];}}>function MM_findObj(n, d) {var p,i,x; if(!d) d=document; if
((p=n.indexOf("?"))>o&&parent.frames.length) {d=parent.frames
[n.substring(p+1)].document; n=n.substring(o,p);}if(!(x=d[n])&&d.all)
x=d.all[n]; for (i=o;!x&&i<d.forms.length;i++)x=d.forms[i][n];for
(i=o;!x&&d.layers&&i<d.layers.length;i++)x=MM_findObj(n,d.layers
[i].document);if(!x && d.getElementById) x=d.getElementById(n); return
x;}function MM_swapImage() {var i,j=o,x,a=MM_swapImage.arguments;
document.MM_sr=new Array;for(i=o;i<(a.length-2);i+=3)if
((x=MM_findObj(a[i]))!=null){document.MM_sr[j++]=x; if(!x.oSrc)
x.oSrc=x.src; x.src=a[i+2];}}</script></head><body
onLoad="MM_preloadImages('welcome.JPG')"><a href="#">
onMouseOut="MM_swapImgRestore()"onMouseOver="MM_swapImage
('Image1','welcome.JPG',1)"><imgsrc="Img1.jpg" name="Image1"
width="261" height="195" border="0"></a></body></html>
```

Session 52 . Use the date function get & set date to prompt the user  
 for an integer b/w 1-31 &return day of the week it  
 represents.<html><head></head><script language="JavaScript">function  
 setDate(){var dt=new Date();dt=new Date  
 (form1.y.value,form1.m.value,form1.d.value);form1.gt.value=dt.getDate  
 () + "/" + dt.getMonth() + "/" + dt.getFullYear();}</script><body><form  
 name="form1" method="post" action=""><p>Day <input name="d"  
 type="text" id="d" size="3">Month <input name="m" type="text" id="m"  
 size="3">Year <input name="y" type="text" id="y" size="4"><input

```
type="button" name="Button" value="SetDate" onClick="setdate()
()">></p><p> Date <input name="gt" type="text" id="gt">
</p></form></body></html>
```

2.Display time and print the message accordingly e.g Good morning in morning etc.<html><head><script language="JavaScript">var dt=new Date();document.write("Good Morning The Time Is : " + dt.getHours() + ":" + dt.getMinutes() + ":" + dt.getSeconds() + "</script></head><body></body></html>

Session 61.Using java script create a digital clock.<html><head></head><script language="JavaScript">function getTimes(){var dt=new Date();form1.t.value= dt.getHours() + ":" + dt.getMinutes() + ":" + dt.getSeconds();window.setTimeout("getTimes()",1000);}</script><body onLoad="getTimes()"><form name="form1" method="post" action=""><input name="t" type="text" id="t"></form></body></html>

Session 71.Using java script create a calculator.<html><head></head><script language="JavaScript">function calc(ch){if(ch=="=")form1.t.value= eval(form1.t.value);elseif(ch=="C")form1.t.value= "";elseform1.t.value+=ch;}</script><body onLoad="getTimes()"><form name="form1" method="post" action=""><input name="t" type="text" id="t"><br><input type="button" name="Button" value="7" onClick="calc('7')"><input type="button" name="Submit2"

```

value="8" onClick="calc('8')">><input type="button" name="Submit3"
value="9" onClick="calc('9')">> <input type="button" name="Submit4"
value="+" onClick="calc('+')">><br><input type="button" name="Submit5"
value="4" onClick="calc('4')">><input type="button" name="Submit6"
value="5" onClick="calc('5')">><input type="button" name="Submit7"
value="6" onClick="calc('6')">><input type="button" name="Submit8"
value="-" onClick="calc('-')">><br><input type="button" name="Submit9"
value="1" onClick="calc('1')">><input type="button" name="Submit10"
value="2" onClick="calc('2')">><input type="button" name="Submit11"
value="3" onClick="calc('3')">><input type="button" name="Submit12"
value="*" onClick="calc('*')">><br><input type="button" name="Submit13"
value="o" onClick="calc('o')">><input type="button" name="Submit14"
value="C" onClick="calc('C')">><input type="button" name="Submit15"
value="=" onClick="calc('=')">><br></form></body></html>

```

Session 81.Create a web page with a textbox and check for validation.

If empty display message and set focus to it, if filled display thank

```

you.<html><head></head><script language="JavaScript">function check()
{if(form1.t.value==""){alert("Enter The Text");form1.t.focus();}else
{alert("Thank You");}}</script><body><form name="form1" method="post"
action="">Enter a Text<input name="t" type="text" id="t"><input
type="submit" name="Submit" value="Submit" onClick="check
()"></form></body></html>

```

Session 111. Create a program to generate a hit counter

```
<html><head></head><script language="JavaScript">var  
counter;counter=0;function count(){counter++;alert("Counter : " +  
counter);}</script><body><form name="form1" method="post"  
action=""><div align="center"><input type="button" name="Button"  
value="Hit Me" onClick="count()"></div></form></body></html>
```

2.Create a program to check email address provided by the user is

valid or invalid.<html><head></head><script

```
language="JavaScript">function check(){if(form1.t.value== ""){alert  
("Enter The Text");form1.t.focus();}else{var  
email,a,d,diff,k,c;email=form1.t.value;a=email.indexOf  
('@');d=email.indexOf('.');diff=parseInt(d)-parseInt(a);k=parseInt  
(d)+1;c=email.charAt(k);if(a<1||diff<=1||c==""){alert("Invalid Email  
ID");form1.t.focus();}}}</script><body><form name="form1"  
method="post" action="">Enter Email ID <input name="t" type="text"  
id="t"><input type="submit" name="Submit" value="Submit"  
onClick="check()"></form></body></html>
```

Session 121.Write a program to scroll the text on status

```
bar.<html><head></head><html><head></head><script  
language="JavaScript">var ar="Scrolling Text";var space="";var  
i;i=1;function count(){var cont,k=0;cont="";while(k<=i){cont=cont + "  
";k++;}status=cont + ar;i++;if(i>100)i=0;window.setTimeout("count  
( )",5);}</script><body onLoad="count
```

0"></body></html><body></body></html>

2. Write a program to create a small window in a main  
window.<html><head><script language="JavaScript">window.open  
("newwindow.html");</script></head><body></body></html>

Session 151. Use java script for authentication and verification of the  
text boxes in the staticsite developed by the student in the html  
exercise.<html><head></head><script language="JavaScript">function  
check(){if(form1.t.value==""){alert("Enter The  
Username");form1.t.focus();}else if(form1.t2.value==""){alert("Enter  
The Password");form1.t2.focus();}else{if((form1.t.value!="")||  
(form1.t2.value!="")){alert("Invalid Username or Password");}}}  
</script><body><form name="form1" method="post" action=""><p>User  
Name  
<input name="t" type="text" id="t"> </p><p>Password <input name="t2"  
type="password" id="t2"> </p><p> <input type="button" name="Button"  
value="Button" onClick="check()"></p></form></body></html>

a.VB Script Session 11. Write a program to display the following on a  
web pageHello <User Name><html><head></head><script  
language="VBScript">sub newpages(txt)document.writeln("Hello " + txt)  
end sub</script><body><form name="form1" method="post"  
action=""><p>Enter User Name<input name="t1" type="text"  
id="t1"></p><p><input type="submit" name="Submit"

```
value="Enter"onClick="newpages  
(form1.t1.value)"></p></form></body></html>
```

2.Create a web page that display a message box with the message“welcome to my web site”

```
<html><head></head><script  
language="VBScript">sub msgs()msgbox("Welcome To My Web Site")end  
sub</script><body><form name="form1" method="post" action=""><p>  
<input type="submit" name="Submit" value="Message"onClick="msgs()">  
</p></form></body></html>
```

3.Write code to change color of text

```
randomly.<html><head></head><script language="VBScript">dim colors(5)  
colors(0)="#0000FF"colors(1)="#FF0000"colors(2)="#006600"colors(3)  
="#FFCC00"colors(4)="#00FFFF"colors(5)="#000000"dim ii=oSub  
changeColor()msgbox("Welcome To My Web Site")document.fgColor=colors  
(i)i=i+1if(i>5)then i=oEnd If window.setTimeout("changeColor()",100)  
end sub</script><body onLoad="changeColor()"><div  
align="center"><strong><font size="7">Hello </font></strong>  
</div></body></html>
```

Session 21.Write a VB Script code that accepts the length, breadth and height and display the area of a rectangle.

```
<html><head></head><script  
language="VBScript">sub area()dim l,b,h,ar  
l=form1.l.value b=form1.b.value h=form1.h.value  
ar=l*b*hmsgbox("Area " &  
ar)end sub</script><body onLoad="changeColor()"><form name="form1"  
method="post" action="">Length <input name="l" type="text"
```

```

id="l">Breadth <input name="b" type="text" id="b">Height <input
name="h" type="text" id="h"><br><input type="button" name="Button"
value="Area" onClick="area()"></form></body></html>

```

2.Create a programme to generate a hit counter

```

<html><head></head><script language="VBScript">dim counter
counter=0
sub count()
counter=counter+1
msgbox("Counter : " & counter)
end sub
</script><body><form name="form1" method="post" action=""><div
align="center"><input type="button" name="Button" value="Hit Me"
onClick="count()"></div></form></body></html>

```

Session 31.Using vbscript create a calculator

```

<html><head></head><script language="VBScript">sub calc(ch)
if(ch=="")then
form1.t.value= eval(form1.t.value)
elseif(ch=="C")then
form1.t.value= ""
else
form1.t.value= form1.t.value & ch
end if
end sub
</script><body onLoad="getTimes()"><form name="form1"
method="post" action=""><input name="t" type="text" id="t"><br><input
type="button" name="Button" value="7" onClick="calc('7')"><input
type="button" name="Submit2" value="8" onClick="calc('8')"><input
type="button" name="Submit3" value="9" onClick="calc('9')"><input
type="button" name="Submit4" value="+" onClick="calc('+')"><br><input
type="button" name="Submit5" value="4" onClick="calc('4')"><input
type="button" name="Submit6" value="5" onClick="calc('5')"><input
type="button" name="Submit7" value="6" onClick="calc('6')"><input

```

```

type="button" name="Submit8" value="-" onClick="calc('-')">><br><input
type="button" name="Submit9" value="1" onClick="calc('1')">><input
type="button" name="Submit10" value="2" onClick="calc('2')">><input
type="button" name="Submit11" value="3" onClick="calc('3')">><input
type="button" name="Submit12" value="*" onClick="calc('*')">><br><input
type="button" name="Submit13" value="o" onClick="calc('o')">><input
type="button" name="Submit14" value="C" onClick="calc('C')">><input
type="button" name="Submit15" value="/" onClick="calc
('=')">><br></form></body></html>

```

Session 41.Create a programme to check for null or empty

```

string<html><head></head><script language="VBScript">sub check()if
(form1.t.value="")thenmsgbox("Enter The Text")form1.t.focus()
elsealert("Thank You")end if end sub</script><body><form name="form1"
method="post" action="">Enter a Text<input name="t" type="text"
id="t"><input type="submit" name="Submit" value="Submit"
onClick="check()"></form></body></html>

```

2.Create a form that has e-mail field. Now Write VB Script code for

```

Validation.<html><head></head><script language="VBScript">sub check()
if(form1.t.value="")thenalert("Enter The Text")form1.t.focus()elsedim
email,a,d,diff,k,cemail=form1.t.valuea=InStr(1,email,"@")d=InStr
(1,email,".")diff=d-ak=d+1c=Mid(email, k, 1)if(a<1 or diff<=1 or
c="")thenalert("Invalid Email ID")form1.t.focus()end if end if end
sub</script><body><form name="form1" method="post" action="">Enter

```

```
Email ID <input name="t" type="text" id="t"><input type="submit"  
name="Submit" value="Submit" onClick="check()"></form></body></html>
```

Session 51.List Mouse and Key events in vbscript  
MouseOver, MouseOutKey Events : KeyUp,KeyDown,KeyRelease,  
KeyPress2.How do you create random numbers in vbscript?Random No is  
Generated byRndFunction

Session 61.Create a form in HTML containing the following files and  
then perform the validation of each field using VBScript. Name-  
textboxAddress-textboxDate Of Birth-Combo boxEmail-  
textbox<html><head></head><script language="VBScript">sub check()if  
(form1.n.value=="")then alert("Enter The Name")form1.n.focus()elseif  
(form1.a.value=="")then alert("Enter The Address")form1.a.focus()elseif  
(form1.y.value=="")then alert("Enter The Year")form1.y.focus()elseif  
(form1.d.value=="")then alert("Select The Day")form1.d.focus()elseif  
(form1.m.value=="")then alert("Select The Month")form1.m.focus()elseif  
(form1.mail.value=="")then dim  
email,a,d,diff,k,cemail=form1.t.value a=InStr(1,email,"@")d=InStr  
(1,email,".")diff=d-a k=d+1 c=Mid(email, k, 1)if(a<1 or diff<=1 or  
c=="")then alert("Invalid Email ID")form1.t.focus()end if end if end  
sub</script><body><form name="form1" method="post"  
action=""><p>Name<input name="n" type="text" id="n"><br>Address<input

```

name="a" type="text" id="a">><br>Date Of Birth : Day<select name="d"
id="d"
><option>1</option><option>2</option><option>3</option><option>4</opt
i
on><option>5</option><option>6</option><option>7</option><option>8</
op
tion><option>9</option><option>10</option>
<option>11</option><option>12</option><option>13</option><option>14</
o
ption><option>15</option><option>16</option><option>17</option><option
>18</option><option>19</option><option>20</option>
<option>21</option><option>22</option><option>23</option><option>24<
/o
ption><option>25</option><option>26</option><option>27</option><optio
n
>28</option><option>29</option><option>30</option><option>31</option
><
/select>Month<select name="m"
id="m"><option>Jan</option><option>Feb</option><option>Mar</option><
op
tion>Aprl</option><option>May</option><option>Jun</option><option>Jul
y
</option><option>Aug</option><option>Sep</option><option>Oct</option>
<
option>Nov</option><option>Dec</option></select>Year <input name="y"
type="text" id="y" size="6"><br>Email Id <input name="mail"
type="text" id="mail"><br> <input type="button" name="Button"
value="Button"onClick="check()"></form></body></html>

```

## Session 8

1.Create a program the accepts the time from the system clock and accordingly displays a Good morning, Good Afternoon and Good Evening message to the user

```
<html><head></head><script language="VBScript">sub wish()dim hh=Datepart("h",Now)if h>=1 and h<=12 thenmsgbox("Good Morning")elseif h>=13 and h<=18 thenmsgbox("Good Afternoon")elsemsgbox("Good Evening")end if end sub</script><body onLoad="wish ()"></body></html>
```

Session 91. Write a programme that uses For next Looping Statements to

create a FibonacciSeries.

```
<html><head></head><script language="VBScript">sub fib()dim a,b,c,a=1 b=1document.write("First 10 Fibonacci Series<br>")document.write(a & " " & b &"<br>")for i=3 to 10c=cint(a)+cint(b)document.write(c &"<br>")a=b b=cnextend sub</script><body onLoad="fib ()"></body></html>
```

2. Using Do While display the factorial of a

number.

```
<html><head></head><script language="VBScript">sub fact(n)dim f,i=1do while(i<=cint(n))f=cint(f)*cint(i)i=i+1loopdocument.write ("<br>Factorial Of " & n & " is " & f)end sub</script><body><form name="form1" method="post" action=""><input name="n" type="text" id="n"><input name="Button" type="button" onClick="fact (form1.n.value)" value="Factorial"></form></body></html>
```

Session 101. Write a Program that displays the multiplication of two

```

matrices.<html><head></head><script language="VBScript">sub matmul()
dim m1(3,3),m2(3,3),m3(3,3),count,i,j,count=0msgbox("Enter First
matrix")for i=0 to 2for j=0 to 2m1(i,j)=inputbox("")nextnextmsgbox
("Enter Seconf matrix")for i=0 to 2for j=0 to 2m2(i,j)=inputbox("")next
nextdocument.write("<br>Product of two Matrix<br>")for i=0 to
2for j=0 to 2for k=0 to 2m3(i,j)=cint(m3(i,j))+cint(m1(i,k))* cint(m2
(k,j))nextnextnextfor i=0 to 2for j=0 to 2document.write(" " & m1
(i,j))nextdocument.write("<br>")nextdocument.write("<br>+<br>")for i=0
to 2for j=0 to 2document.write(" " & m2(i,j))nextdocument.write
("<br>")nextdocument.write("<br>=<br>")for i=0 to 2for j=0 to
2document.write(" " & m3(i,j))nextdocument.write("<br>")nextend
sub</script><body onLoad="matmul()"></body>

```

3 . Write a program that accepts a number from the user and displays its factorialonly if it is a prime number.<html><head></head><script
language="VBScript">sub ChkPrime(n)dim i,prime,k prime=truefor i=2 to
cint(n)/2if (n Mod i)=0 thenprime=falseendif if nextif prime=true
thenfact(n)elsedocument.write("<br>The Number is Not Prime")end if end
subsub fact(n)dim f,if=1i=1do while(i<=cint(n))f=cint(f)\*cint(i)i=i
+1loopdocument.write("<br>Factorial Of " & n & " is " & f)end
sub</script><body><form name="form1" method="post" action=""><input
name="n" type="text" id="n"><input name="Button" type="button"
onClick="ChkPrime

(form1.n.value)" value="factorial">></form></body></html>

DreamweaverSESSION 11.Design a home page of your TLC.<!DOCTYPE HTML  
PUBLIC "-//W3C//DTD HTML 4.01  
Transitional//EN"><html><head><title>Untitled Document</title><meta  
http-equiv="Content-Type" content="text/html; charset=iso-8859-  
1"></head><body><table width="100%" border="1" cellpadding="0"><tr><td  
bgcolor="#ccc123"><div align="center"><strong><font  
size="6">IGNOUPROGRAM STUDY  
CENTER</font></strong></div></td></tr><tr><td bgcolor="#cccc12"><div  
align="center"><strong><font size="6">WELCOME TO  
</font></strong></div></td></tr><tr><td bgcolor="pink"><div  
align="center"><strong><br><font size="4"><a  
href="faculty\_coord.html">FACULTIES AND COORDINATORS</a><br><a  
href="theory\_b\_schedule.html">THEORY BATCH SCHEDULES</a> <br><a  
href="prac\_b\_schedule.html">PRACTICAL BATCH SCHEDULES</a><br><a  
href="sem\_detail.html">SEMESTER WISE LIST OF STUDENTS</a> <br><a  
href="assignment.html">ASSIGNMENT AND VIVA-VOCE</a> <br><a  
href="ask\_y\_question.htm">ASK YOUR QUESTION</a> <br><a  
href="mail.htm">MAIL US</a>  
</font></strong><font size="4"></font></div></td></tr></table><p  
align="center"><br></p></body></html>

2.Design a Home Page for a toy Company. The page has an image as th

background. Do some text attracting format.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
```

```
Transitional//EN"><html><head><title>Toy Page</title><meta http-
equiv="Content-Type" content="text/html; charset=iso-8859-
1"></head><body background="646.jpg"><table width="100%" border="0"
cellpadding="0"><tr><td><div align="center"><strong><font
color="#33FFOO" size="7">Tom
ToysCenter</font></strong></div></td></tr><tr><td>&ampnbsp</td></tr><tr
>
<td align="left" valign="top"><table width="100%" border="1" cellpadding="0"><tr><td width="27%"><table width="100%" border="1" cellpadding="0"><tr><td><div align="center"><font
size="5"><strong><a href="prof.htm">Profiles</a></strong></font></div><
/td></tr><tr><td><div align="center"><font
size="5"><strong><a href="Toys.htm">Toys</a></strong></font></div></td>
</tr><tr><td><div align="center"><font
size="5"><strong><a href="cont.htm">ContactUs</a></strong></font></div></td>
</tr></table></td><td width="73%" align="left" valign="top"><div
align="justify"><font color="#FFFFFF" size="4">We are one of the
leading toy comapny in the city and have branchesin all major
districts thoughout kerala. Our toy Shope containsa vide variety of
collection of toys which taste the choice of your kids. toys posses a
high quality . the toys are normally importedfrom European and
American
```

Countries.</font></div></td></tr></table></td></tr><tr><td>&nbsp;</td></tr></table></body></html>

3.Insert a image in your page and give a zig zag motion to the image  
in you page(using timeline).<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML  
4.01 Transitional//EN"><html><head><title>Untitled

```
Document</title><meta http-equiv="Content-Type" content="text/html;  
charset=iso-8859-1"><script language="JavaScript"  
type="text/JavaScript"><!--function MM_timelinePlay(tmLnName, myID) {  
//v1.2//Copyright 1997, 2000 Macromedia, Inc. All rights reserved.var  
i,j,tmLn,props,keyFrm,sprite,numKeyFr,firstKeyFr,propNum,theObj,firstT  
ime=false;if (document.MM_Time == null) MM_initTimelines(); //if  
*very* 1st timetmLn = document.MM_Time[tmLnName];if (myID == null) {  
myID = ++tmLn.ID; firstTime=true;}//if new call, incr IDif (myID ==  
tmLn.ID) { //if Im newestsetTimeout('MM_timelinePlay(""+tmLnName  
+',+myID+')',tmLn.delay);fNew = ++tmLn.curFrame;for (i=0;  
i<tmLn.length; i++) {sprite = tmLn[i];if (sprite.charAt(0) == 's') {if  
(sprite.obj) {numKeyFr = sprite.keyFrames.length; firstKeyFr =  
sprite.keyFrames[0];if (fNew >= firstKeyFr && fNew <=  
sprite.keyFrames[numKeyFr-1]) {//inrangekeyFrm=1;for (j=0;  
j<sprite.values.length; j++) {props = sprite.values[j];if (numKeyFr !=  
props.length) {if (props.prop2 == null) sprite.obj[props.prop] =  
props[fNew-firstKeyFr];else sprite.obj[props.prop2][props.prop] =  
props[fNew-firstKeyFr];} else {while (keyFrm<numKeyFr &&
```

```

fNew>=sprite.keyFrames[keyFrm])keyFrm++;if (firstTime ||
fNew==sprite.keyFrames[keyFrm-1]) {if (props.prop2 == null)
sprite.obj[props.prop] = props[keyFrm-1];else sprite.obj[props.prop2]
[props.prop] = props[keyFrm-1];} } } } } else if (sprite.charAt(o)
=='b' && fNew == sprite.frame) eval(sprite.value);if (fNew >
tmLn.lastFrame) tmLn.ID = o;} } }function MM_initTimelines() {
//v4.0/MM_initTimelines() Copyright 1997 Macromedia, Inc. All rights
reserved.var ns = navigator.appName == "Netscape";var ns4 = (ns &&
parseInt(navigator.appVersion) == 4);var ns5 = (ns && parseInt
(navigator.appVersion) > 4);document.MM_Time = new Array
(1);document.MM_Time[o] = new Array(3);document.MM_Time["Timeline1"] =
document.MM_Time[o];document.MM_Time[o].MM_Name =
"Timeline1";document.MM_Time[o].fps = 15;document.MM_Time[o][o] = new
String("sprite");document.MM_Time[o][o].slot = 1;if (ns4)
document.MM_Time[o][o].obj = document["Layer1"];else if (ns5)
document.MM_Time[o][o].obj = document.getElementById
("Layer1");elsedocument.MM_Time[o][o].obj = document.all ?
document.all["Layer1"] :null;document.MM_Time[o][o].keyFrames = new
Array(1, 15);document.MM_Time[o][o].values = new Array(2);if (ns5)
document.MM_Time[o][o].values[o] = new Array("21px", "24px",
"28px","31px", "35px", "38px", "42px", "45px", "48px", "52px", "55px",
"59px", "62px","66px", "69px");elsedocument.MM_Time[o][o].values[o] =
newArray

```

```

(21,24,28,31,35,38,42,45,48,52,55,59,62,66,69);document.MM_Time[o]
[o].values[o].prop = "left";if (ns5)document.MM_Time[o][o].values[1] =
new Array("16px", "21px", "25px","30px", "35px", "39px", "44px",
"48px", "53px", "58px", "62px", "67px", "72px","76px", "81px");else
document.MM_Time[o][o].values[1] = newArray
(16,21,25,30,35,39,44,48,53,58,62,67,72,76,81);document.MM_Time[o]
[o].values[1].prop = "top";if (!ns4) {document.MM_Time[o][o].values
[o].prop2 = "style";document.MM_Time[o][o].values[1].prop2 =
"style";}document.MM_Time[o][1] = new String
("sprite");document.MM_Time[o][1].slot = 1;if (ns4)document.MM_Time
[o][1].obj = document["Layer1"];else if (ns5)document.MM_Time[o]
[1].obj = document.getElementById("Layer1");elsedocument.MM_Time[o]
[1].obj = document.all ? document.all["Layer1"]
:null;document.MM_Time[o][1].keyFrames = new Array(16,
30);document.MM_Time[o][1].values = new Array(2);if (ns5)
document.MM_Time[o][1].values[o] = new Array("69px", "77px",
"85px","93px", "102px", "110px", "118px", "126px", "134px", "142px",
"150px","159px", "167px", "175px", "183px");elsedocument.MM_Time[o]
[1].values[o] = newArray
(69,77,85,93,102,110,118,126,134,142,150,159,167,175,183);document.MM_
Time[o][1].values[o].prop = "left"; if (ns5)document.MM_Time[o]
[1].values[1] = new Array("81px", "77px", "72px","68px", "63px",
"59px", "54px", "50px", "45px", "41px", "36px", "32px", "27px","22px",

```

```

    "18px");elsedocument.MM_Time[0][1].values[1] = newArray
(81,77,72,68,63,59,54,50,45,41,36,32,27,22,18);document.MM_Time[0]
[1].values[1].prop = "top";if (!ns4) {document.MM_Time[0][1].values
[0].prop2 = "style";document.MM_Time[0][1].values[1].prop2 =
"style";}document.MM_Time[0][2] = new String
("sprite");document.MM_Time[0][2].slot = 1;if (ns4)document.MM_Time
[0][2].obj = document["Layer1"];else if (ns5)document.MM_Time[0]
[2].obj = document.getElementById("Layer1");elsedocument.MM_Time[0]
[2].obj = document.all ? document.all["Layer1"]
:null;document.MM_Time[0][2].keyFrames = new Array(31,
45);document.MM_Time[0][2].values = new Array(2);if (ns5)
document.MM_Time[0][2].values[0] = new Array("183px", "191px", "198px",
"206px", "213px", "221px", "228px", "236px", "243px", "251px", "258px",
"266px", "273px", "281px", "288px"); elsedocument.MM_Time[0]
[2].values[0] = newArray
(183,191,198,206,213,221,228,236,243,251,258,266,273,281,288);document
.MM_Time[0][2].values[0].prop = "left";if (ns5)document.MM_Time[0]
[2].values[1] = new Array("18px", "23px", "28px", "32px", "37px",
"42px", "47px", "51px", "56px", "61px", "66px", "71px", "75px", "80px",
"85px");elsedocument.MM_Time[0][2].values[1] = newArray
(18,23,28,32,37,42,47,51,56,61,66,71,75,80,85);document.MM_Time[0]
[2].values[1].prop = "top";if (!ns4) {document.MM_Time[0][2].values
[0].prop2 = "style";document.MM_Time[0][2].values[1].prop2 =
"style";}document.MM_Time[0].lastFrame = 45;for (i=0;

```

```

i<document.MM_Time.length; i++) {document.MM_Time[i].ID =
null;document.MM_Time[i].curFrame = o;document.MM_Time[i].delay =
1000/document.MM_Time[i].fps;}//--></script></head><body
onLoad="MM_timelinePlay('Timeline1')"><div id="Layer1"
style="position:absolute; left:21px; top:16px;
width:192px;height:147px; z-index:1"></div></body></html>

```

SESSION 41 . Design a form as follows.

```

<!DOCTYPE HTML PUBLIC
"-//W3C//DTD HTML 4.01 Transitional//EN"><html><head><title>Untitled
Document</title><meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1"></head><body><form name="form1"><table
width="100%" border="0" cellpadding="0" cellspacing="0"><tr><td
width="23%">Your name</td><td width="77%"><input type="text"
name="textfield"></td></tr><tr><td>Yi\our Address</td><td><input
type="text" name="textfield2"></td></tr><tr><td>&nbsp;</td><td><input
type="text" name="textfield3"></td></tr><tr><td>Your
Gender</td><td><input type="radio" name="radiobutton"
value="radiobutton">Male<input type="radio" name="radiobutton"
value="radiobutton">Female </td></tr><tr><td>Your
Country</td><td><select name="select"
size="1"><option>India</option><option>America</option><option>Canada<
</option><option>Denmark</option><option>Egypt</option><option>France
</

```

```

option><option>Germany</option><option>Hungry</option></select></td>
</
tr><tr><td>Your
Opinion</td><td>&nbsp;</td></tr><tr><td>&nbsp;</td><td><textarea
name="textarea"
cols="50"></textarea></td></tr><tr><td>&nbsp;</td><td><input
type="reset" name="Reset" value="Reset"><input type="submit"
name="Submit2"
value="Submit"></td></tr></table></form></body></html>
```

SESSION 21 . Insert an image in a page. In the browser, when you take cursor over it, another image emerges under it and when you click on the second image, it takes you to exercise 2 of session 1.<!DOCTYPE

HTML PUBLIC "-//W3C//DTD HTML 4.01

Transitional//EN"><html><head><title>Untitled Document</title><meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"><script language="JavaScript" type="text/JavaScript"><!--function MM\_swapImgRestore() { //v3.0var i,x,a=document.MM\_sr; for (i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++)x.src=x.oSrc;} function MM\_preloadImages() { //v3.0var d=document; if(d.images){ if(!d.MM\_p) d.MM\_p=new Array(); var i,j=d.MM\_p.length,a=MM\_preloadImages.arguments; for(i=0; i<a.length; i++)if (a[i].indexOf("#")!=0){ d.MM\_p[j]=new Image; d.MM\_p[j++].src=a[i];}}}>function MM\_findObj(n, d) { //v4.01var

```
p,i,x; if(!d) d=document; if((p=n.indexOf("?"))
>o&&parent.frames.length) {d=parent.frames[n.substring(p+1)].document;
n=n.substring(o,p);}if(!(x=d[n])&&d.all) x=d.all[n]; for (i=o;!
x&&i<d.forms.length;i++) x=d.forms[i][n];for(i=o;!
x&&d.layers&&i<d.layers.length;i++)x=MM_findObj(n,d.layers
[i].document);if(!x && d.getElementById) x=d.getElementById(n); return
x;}function MM_swapImage() { //v3.0var
i,j=0,x,a=MM_swapImage.arguments; document.MM_sr=new Array;for(i=0;i<
(a.length-2);i+=3)if ((x=MM_findObj(a[i]))!=null){document.MM_sr[j++]]=
=x; if(!x.oSrc)x.oSrc=x.src; x.src=a[i+2];}}//--></script></head><body
onLoad="MM_preloadImages('animals7.JPG')"><a href="ex1session2.htm"
onMouseOut="MM_swapImgRestore()"onMouseOver="MM_swapImage
('Image1','animals7.JPG',1)"></a></body></html>
```