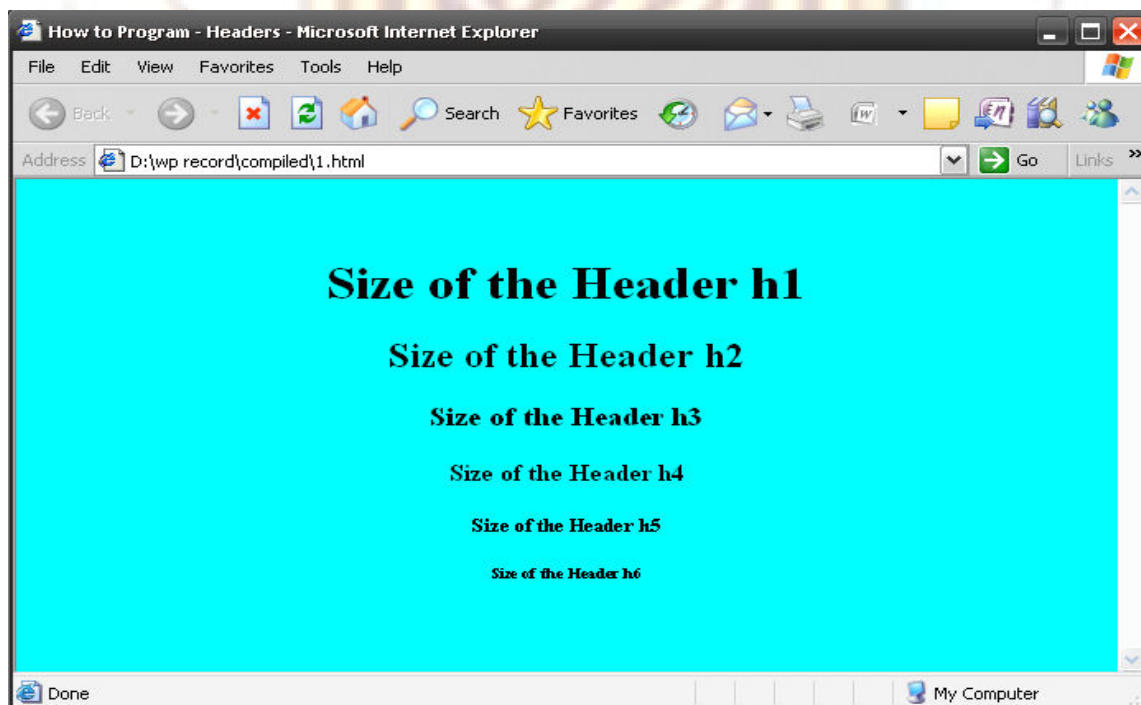
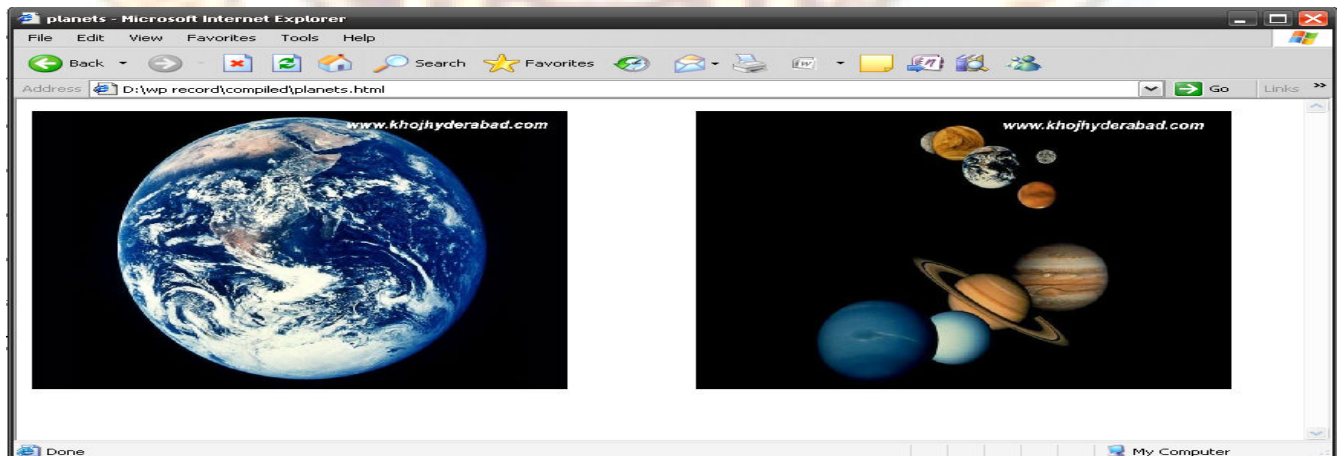
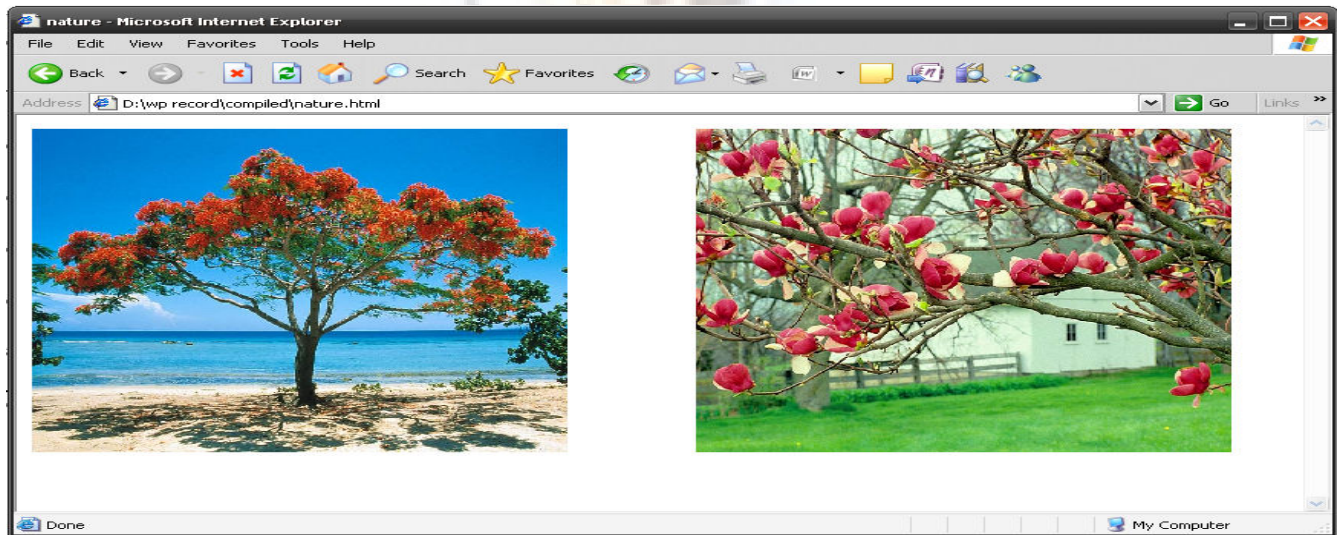
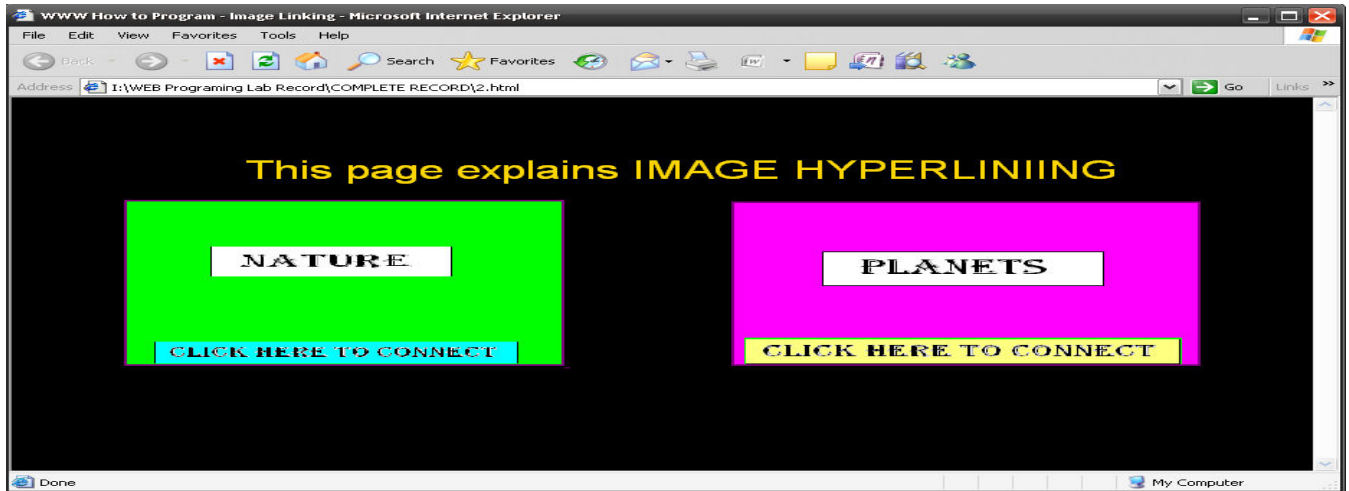


1. Write a HTML program to demonstrate HTML Headers

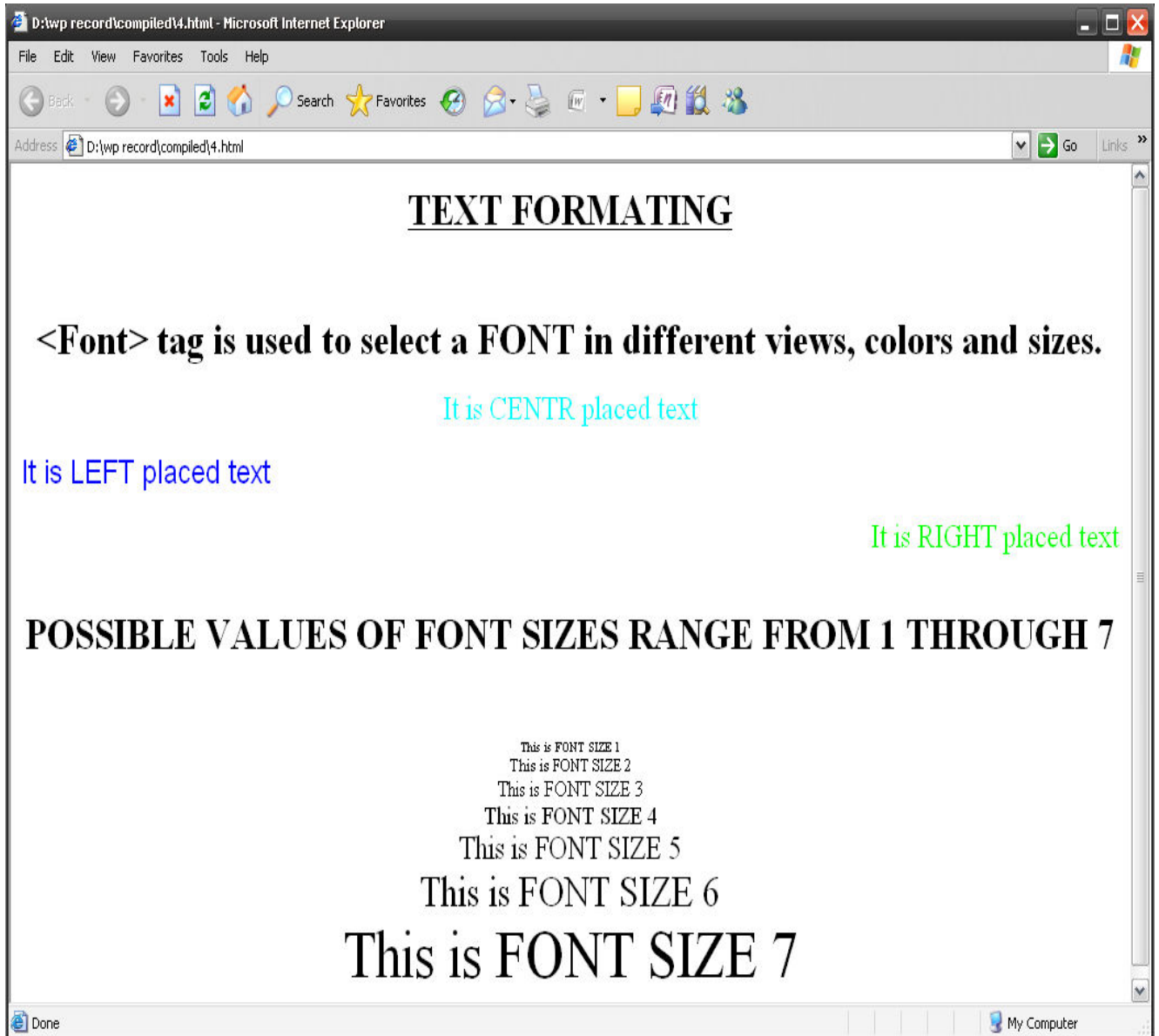
```
<html >
  <head>
    <title>How to Program - Headers</title>
  </head>
  <body bgcolor=cyan ><br> <br>
    <center>
      <h1>Size of the Header h1</h1>
      <h2>Size of the Header h2</h2>
      <h3>Size of the Header h3</h3>
      <h4>Size of the Header h4</h4>
      <h5>Size of the Header h5</h5>
      <h6>Size of the Header h6</h6>
    </center>
  </body>
</html>
```





4. Write a HTML program formatting text size and color.

```
<html>
<head>
<body>
<center> <h1><u><b> TEXT FORMATING </b></u></h1>
</center> <br> <br>
<center> <font face="times new roman" color="black"> <h1> &lt;Font&ampgt tag is used to select a FONT
in different views, colors and sizes. </h1> </font> </center>
<p align="center"> <font size="5" color="cyan" face="times"> <q> It is CENTR placed text</q> </font>
</p>
<p align="left"> <font size="5" color="blue" face="arial"> It is LEFT placed text </font> </p>
<p align="right"> <font size="5" color="lime" face="verdana"> It is RIGHT placed text </font> </p>
<BR> <center> <h1> POSSIBLE VALUES OF FONT SIZES RANGE FROM 1 THROUGH 7 </h1> </center>
<br> <br>
<center>
<font size=1> This is FONT SIZE 1 </font> <br>
<font size=2> This is FONT SIZE 2 </font> <br>
<font size=3> This is FONT SIZE 3 </font> <br>
<font size=4> This is FONT SIZE 4 </font> <br>
<font size=5> This is FONT SIZE 5 </font> <br>
<font size=6> This is FONT SIZE 6 </font> <br>
<font size=7> This is FONT SIZE 7 </font> <br>
</center>
</body>
</html>
```



5. Write a HTML program to explain unordered list.

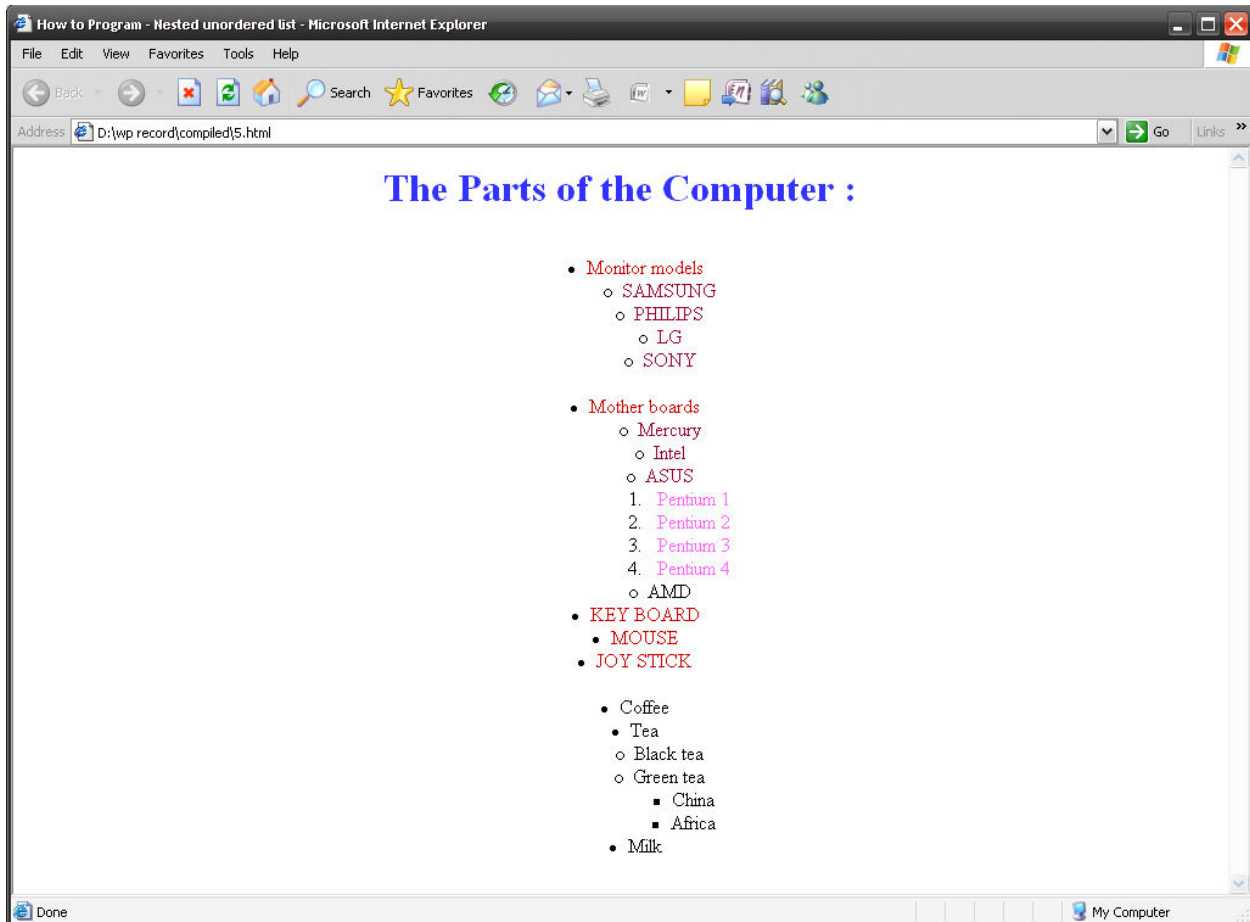
```
<html>
<head>
  <title>How to Program - Nested unordered list</title>
</head>
<body>
  <center> <h1><font color="#3333FF"> The Parts of the Computer :</font> </h1> <br>
  <ul>
    <li> <font color="#CC0000"> Monitor models </font> </li><br>
      <ul>
        <li> <font color="#990033"> SAMSUNG</font></li><br>
        <li> <font color="#990033">PHILIPS </font></li><br>
        <li> <font color="#990033">LG </font></li><br>
        <li> <font color="#990033">SONY </font></li><br><br>
      </ul>
    <li> <font color="#CC0000"> Mother boards </font> </li><br>
      <ul>
        <li><font color="#990033">Mercury</font></li><br>
        <li><font color="#990033">Intel </font></li><br>
        <li> <font color="#990033">ASUS </font></li><br>
      </ul>
    <li> <font color="#FF66FF"> Pentium 1</font> </li><br>
    <li> <font color="#FF66FF"> Pentium
    2</font></li><br>
```

```
<li> <font color="#FF66FF"> Pentium 3
</font></li><br>
    <li> <font color="#FF66FF"> Pentium 4 </font></li>
</ol>
<li>AMD </li><br>
</ul>
<li><font color="#CC0000"> KEY BOARD </font></li><br>
<li><font color="#CC0000"> MOUSE</font></li><br>
    <li> <font color="#CC0000"> JOY STICK </font></li><br>
</ul>
<ul>
<li>Coffee</li>
<li>Tea
<ul>
<li>Black tea</li>
<li>Green tea
<ul>
<li>China</li>
<li>Africa</li>
</ul>
</li>
</ul>
</li>
<li>Milk</li>
</ul>
</center>
```



```
</body>
```

```
</html>
```



6. Write a HTML Program to explain different types of Ordered List

```
<html>
<body>
<center>
<h4>Numbered list:</h4>
<ol>
<li>Apples</li>
<li>Bananas</li>
<li>Lemons</li>
<li>Oranges</li>
</ol>
<h4>Letters list:</h4>
<ol type="A">
<li>Apples</li>
<li>Bananas</li>
<li>Lemons</li>
<li>Oranges</li>
</ol>
<h4>Lowercase letters list:</h4>
<ol type="a">
<li>Apples</li>
<li>Bananas</li>
<li>Lemons</li>
<li>Oranges</li>
</ol>
```

```
<h4>Roman numbers list:</h4>
```

```
<ol type="I">
```

```
<li>Apples</li>
```

```
<li>Bananas</li>
```

```
<li>Lemons</li>
```

```
<li>Oranges</li>
```

```
</ol>
```

```
<h4>Lowercase Roman numbers list:</h4>
```

```
<ol type="i">
```

```
<li>Apples</li>
```

```
<li>Bananas</li>
```

```
<li>Lemons</li>
```

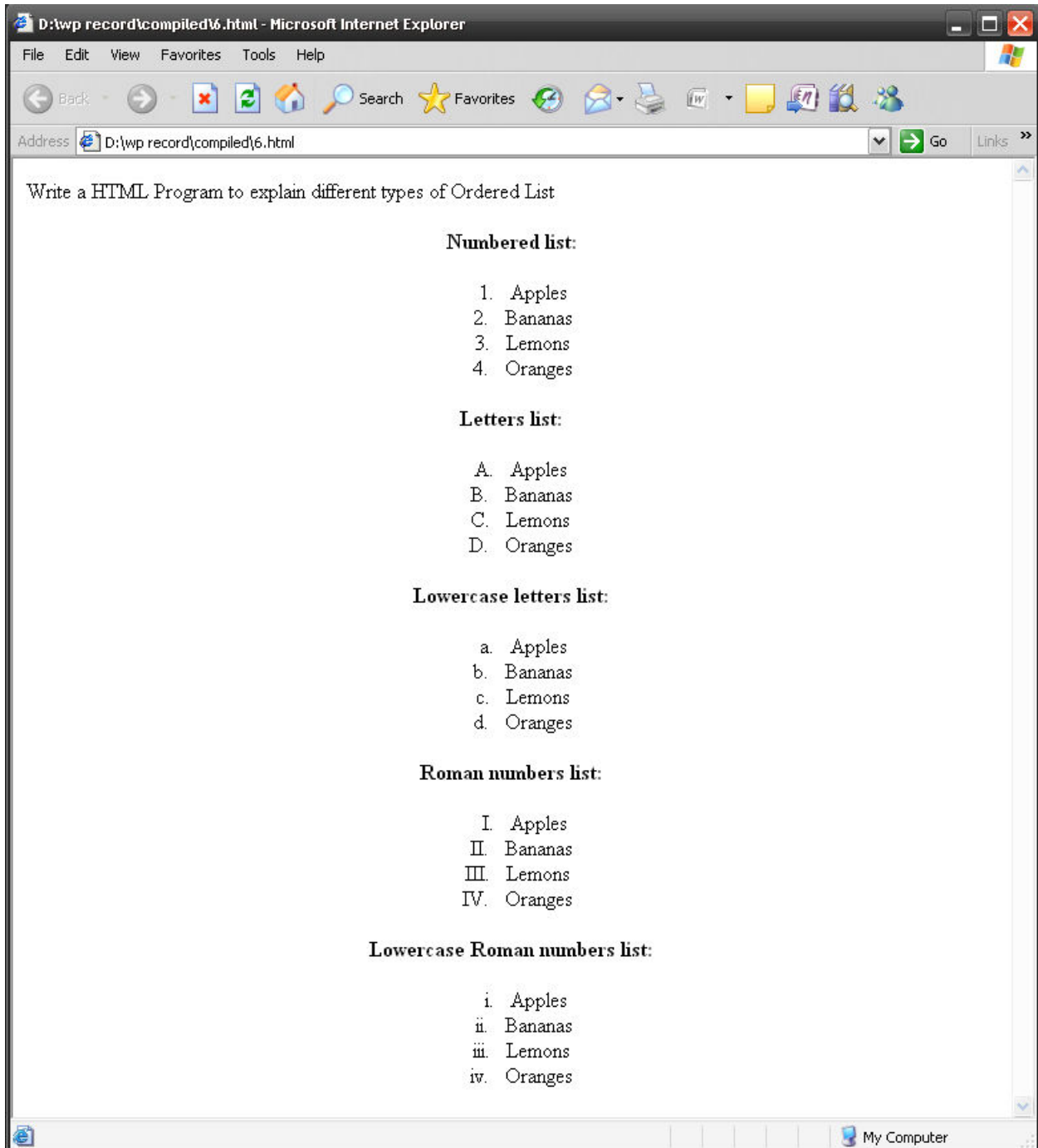
```
<li>Oranges</li>
```

```
</ol>
```

```
</center>
```

```
</body>
```

```
</html>
```



D:\wp record\compiled\6.html - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <D:\wp record\compiled\6.html> Go Links

Write a HTML Program to explain different types of Ordered List

Numbered list:

1. Apples
2. Bananas
3. Lemons
4. Oranges

Letters list:

- A. Apples
- B. Bananas
- C. Lemons
- D. Oranges

Lowercase letters list:

- a. Apples
- b. Bananas
- c. Lemons
- d. Oranges

Roman numbers list:

- I. Apples
- II. Bananas
- III. Lemons
- IV. Oranges

Lowercase Roman numbers list:

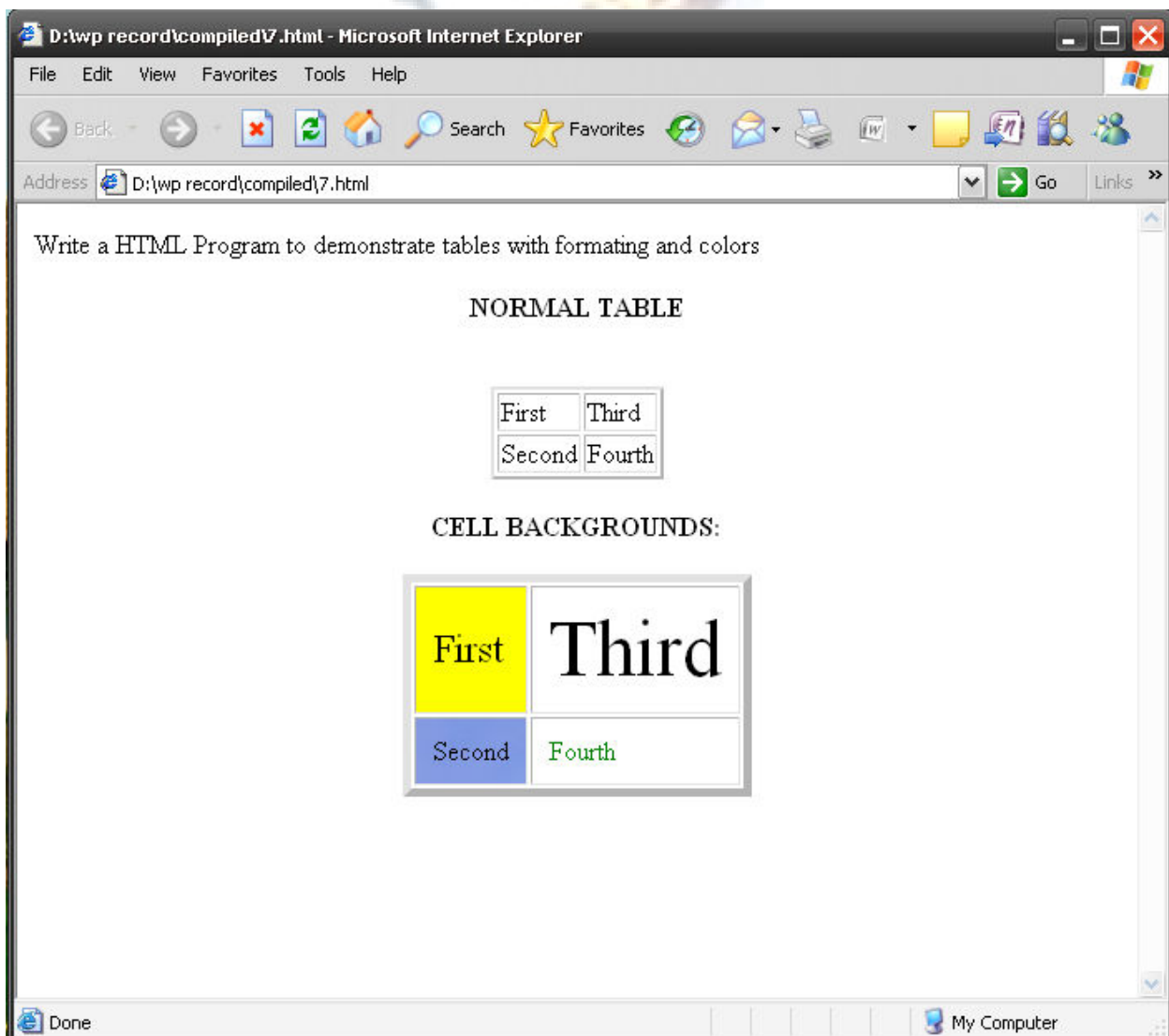
- i. Apples
- ii. Bananas
- iii. Lemons
- iv. Oranges

My Computer

7. Write a HTML Program to demonstrate tables with formatting and colors

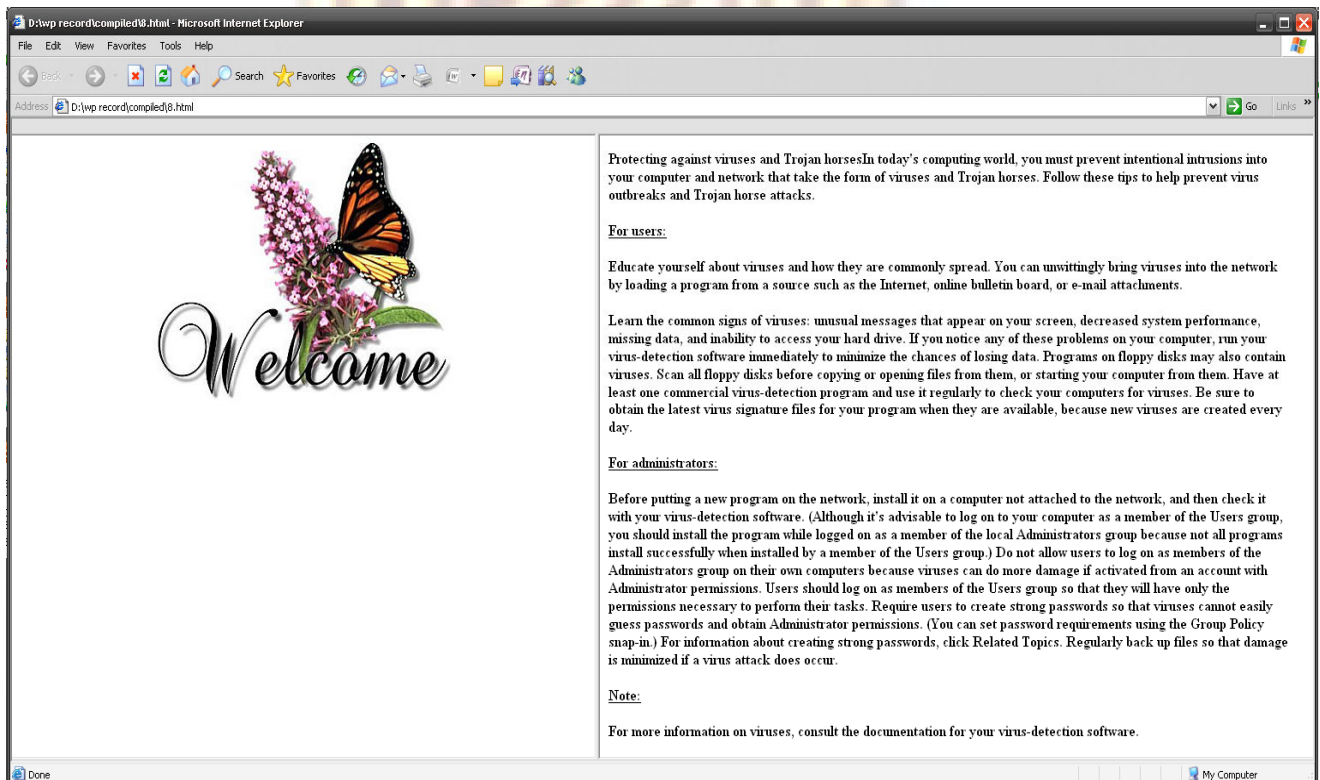
```
<html>
<body>
<center>
<h4>NORMAL TABLE</h4>
<table border="2" >
<tr>
<td>First</td>
<td>Third</td>
</tr>
<tr>
<td>Second</td>
<td>Fourth</td>
</tr>
<br>
</table>
<h4>CELL BACKGROUNDS:</h4>
<table border="5" cellpadding="10">
<tr>
<td bgcolor="yellow"> <font family="castellar" font size="5">First</font></td>
<td><font size="15">Third </font></td>
</tr>
<tr>
<td background="7.jpg">
Second</td>
```

```
<td><font family="Arial" font color="green">Fourth</font></td>  
</tr>  
</table>  
</center>  
</body>  
</html>
```



8. Write a HTML program using FRAMESET Tag to first divide the web page into two columns and column bottom row having the main page with text .The left host column with some other images

```
<frameset rows="2%,*">
<frameset cols="55%,*">
<frameset src="am.html">
</frameset>
<frameset rows="100%,*">
<frameset cols="45%,*">
    <frame src="WELCOME.html">
    <frame src="About AntiVirus.html">
</frameset>
</frameset>
```



9. Write a HTML program using java script to analyse examination result of a class of 10 students. If no. of students passed in that class is greater than no. of students failed then display the text 'GOOD RESULT'.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<title>Students Marks Information</title>

<script language="javascript">

var s = 0;

var f = 0;

function ones()
{
var p,q,r,m1,m2,m3,sum;
var i=1;

    alert("Record is Updated , Successfully ");

    p = document.marks.t1.value;
    q = document.marks.t2.value;
    r = document.marks.t3.value;

    m1 = parseInt(p);
    m2 = parseInt(q);
    m3 = parseInt(r);

    if(m1>100 || m2>100 || m3>100 || m1<=0 || m2<=0 || m3<=0)

    {

        alert("Incorrect Entries , please check the MARKS ");
```



```
        return;
    }
    sum = (m1+m2+m3);
    document.marks.t6.value = sum;
    if(m1>=35 && m2>=35 && m3>=35)
    {
        document.marks.t4.value = ("Student has been passed");
        s = s+1;
    }
    else
    {
        document.marks.t4.value = ("Student has been failed");
        f = f+1;
    }

    document.marks.t7.value = (s+"-Passed , "+f+"-Failed");
    i++;
    if(s > f)
    {
        document.marks.t5.value = (" Good Result !");
    }
    else if(s==f)
    {
        document.marks.t5.value = (" Balanced Result !");
```

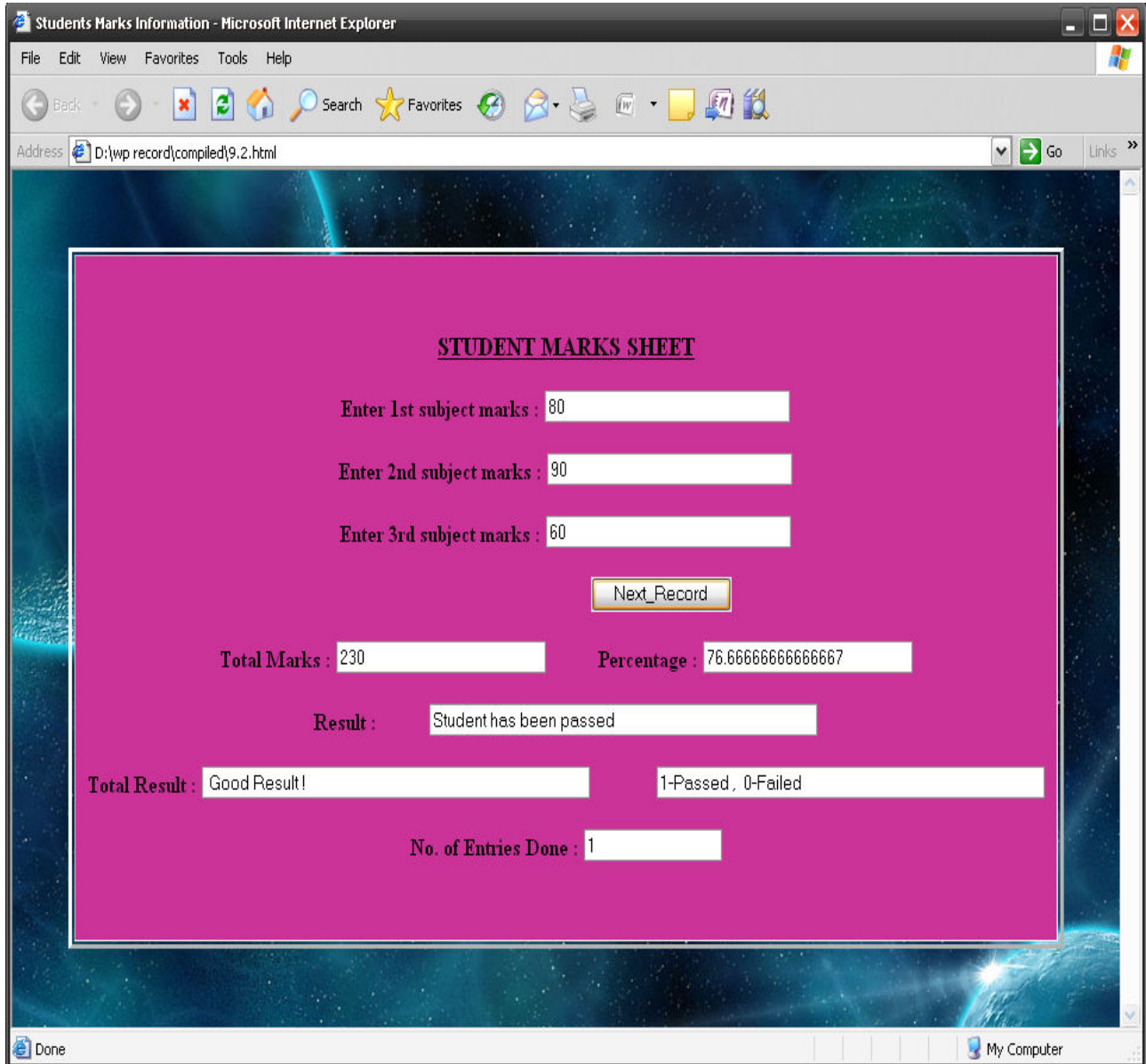
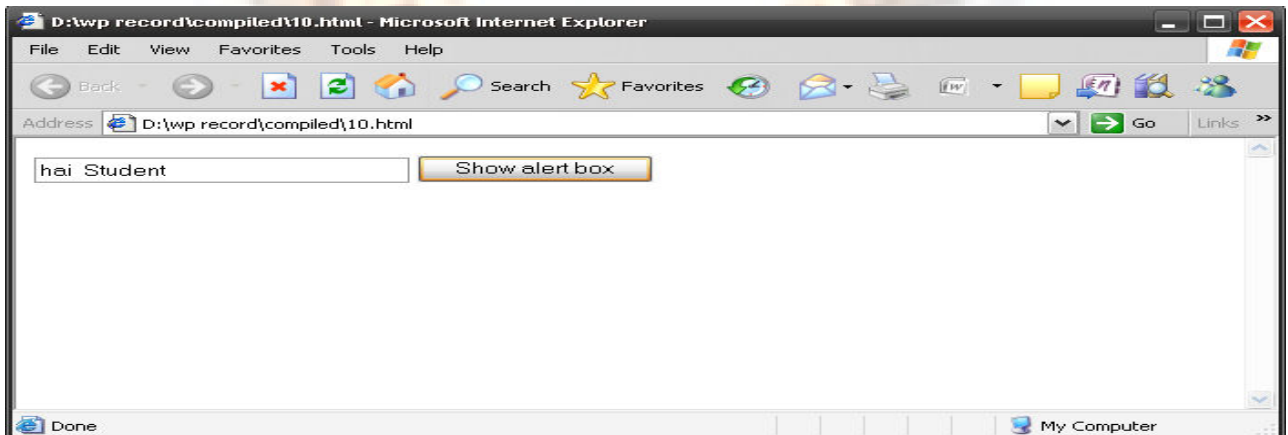
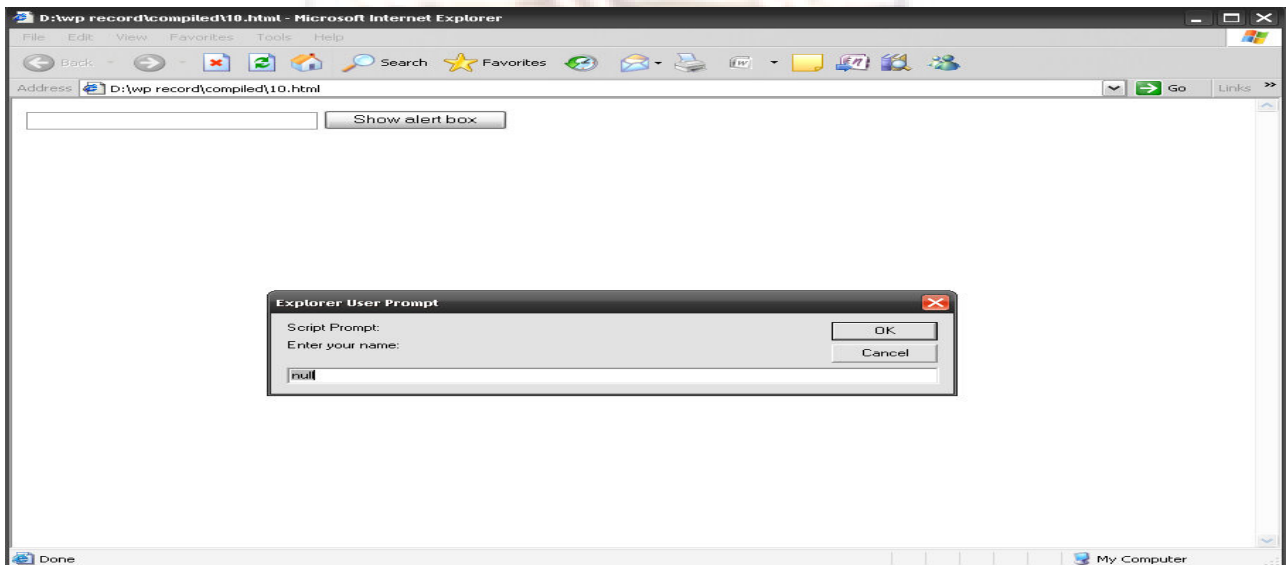
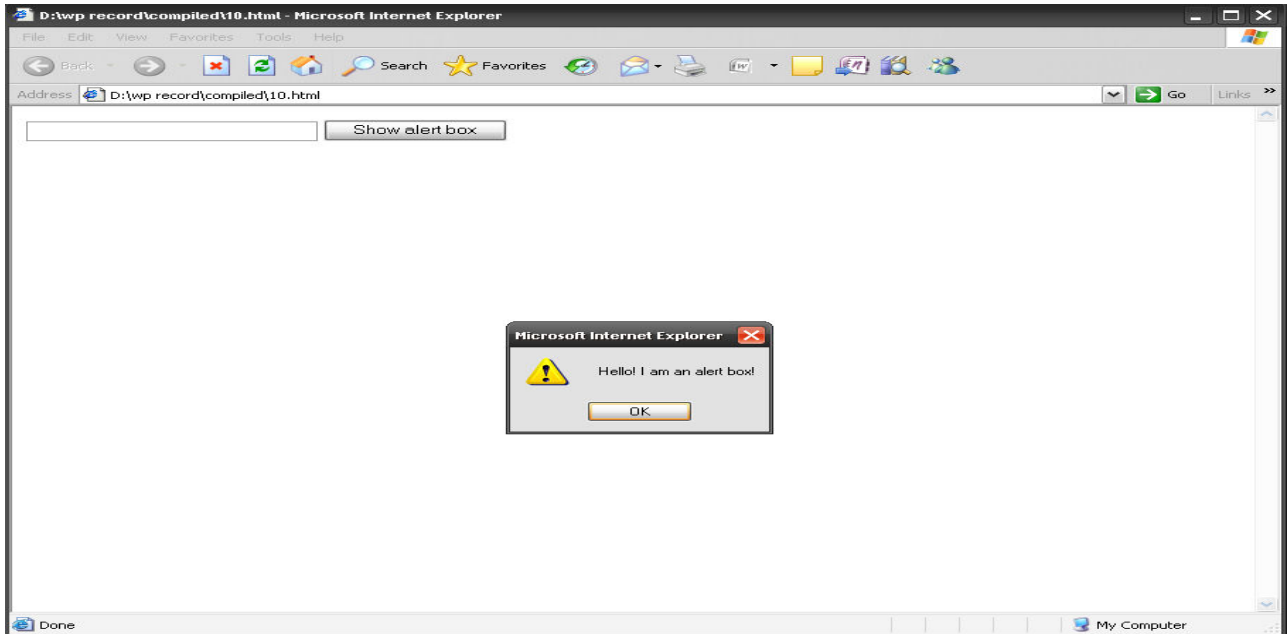



Fig : StudentMarks.html

10. Write a HTML program using java script to demonstrate

(a) Alert box (b) Prompt box

```
<html>
<head>
<script type="text/javascript">
function show_alert()
{
alert("Hello! I am an alert box!");
    var ab = prompt("Enter your name: ",null);
    document.info.b1.value = "hai "+ab;
}
</script>
</head>
<body>
<form name="info">
<input type="text" size="30" name="b1">
<input name="button" type="button" onClick="show_alert()" value="Show alert box" />
</form></body>
</html>
```



11. Write a HTML program using java script to perform comparison between 2 numbers entered by user using relation operators.

12. Write a HTML program using java script to calculate the product of 3 integers

```
<html>
<head>
<script language="JavaScript">
function adding()
{
var nu1=document.form1.num1.value;
var nu2=document.form1.num2.value;
var nu3=document.form1.num3.value;
var number1=parseFloat(nu1);
var number2=parseFloat(nu2);
var number3=parseFloat(nu3);
var number4 = (number1+number2+number3);
document.form1.t3.value = ("Addition of "+number1+" , "+number2+" and "+number3+" is "+number4);
}
function Findingmin()
{
var nu1=document.form1.num1.value;
var nu2=document.form1.num2.value;
var nu3=document.form1.num3.value;
var number1=parseFloat(nu1);
var number2=parseFloat(nu2);
```

```
var number3=parseFloat(nu3);

if(number1==number2 || number1==number3 || number2==number3)
{
document.form1.t3.value = (" Enter differenet values and try again"); }

else if(number1<number2 && number1<number3)
{
document.form1.t3.value = (" In "+number1+" and "+number2+" and "+number3+" :
"+number1+" is Smellest Number");
}

else if(number2<number1 && number2<number3)
{
document.form1.t3.value = (" In "+number1+" and "+number2+" and "+number3+" :
"+number2+"is Smellest Number");
}

else if(number3<number1 && number3<number2)
{
document.form1.t3.value = (" In "+number1+" and "+number2+" and "+number3+" :
"+number3+"is Smellest Number");
}

else { return; }

}

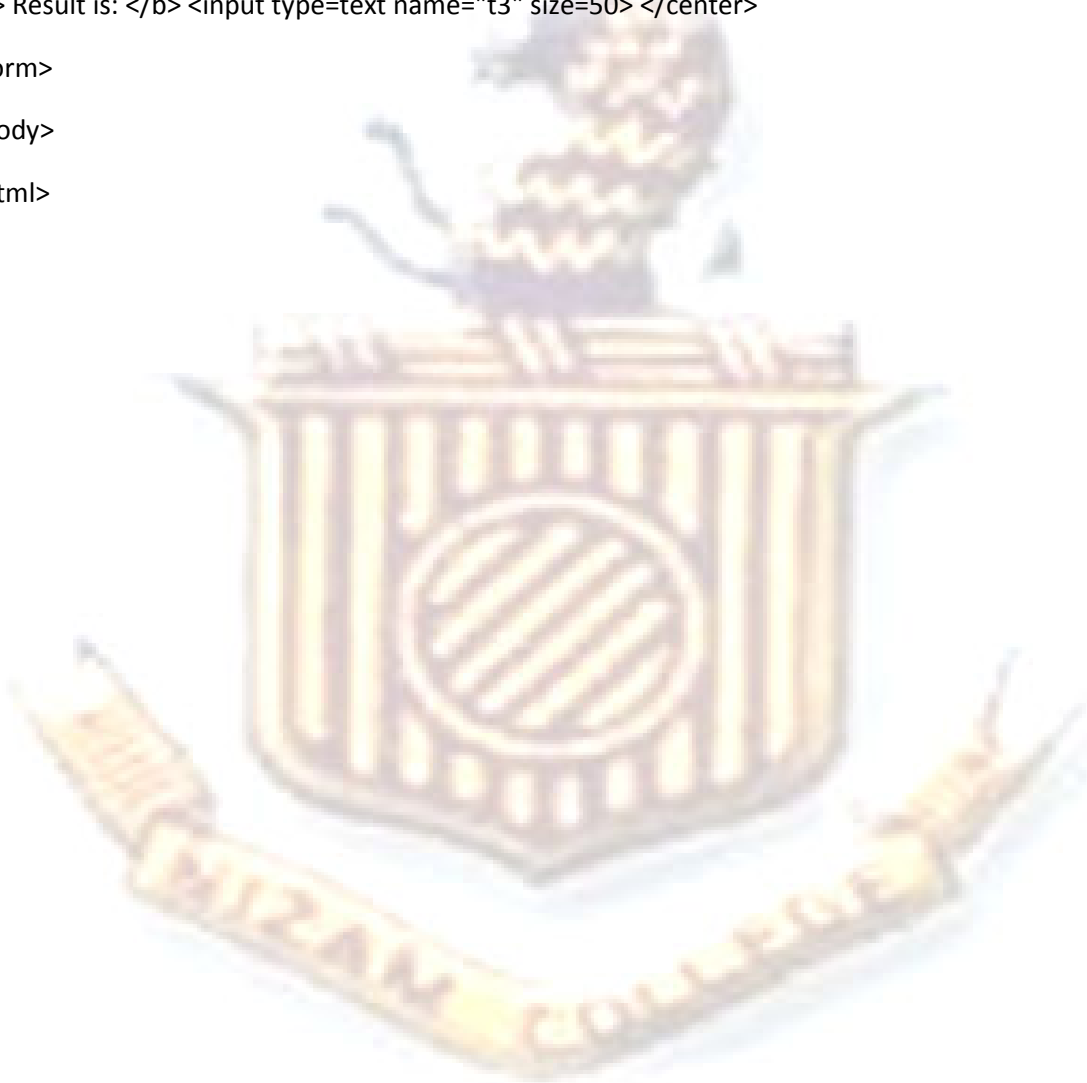
function maxing()
{
var nu1=document.form1.num1.value;
var nu2=document.form1.num2.value;
var nu3=document.form1.num3.value;
var number1=parseFloat(nu1);
```

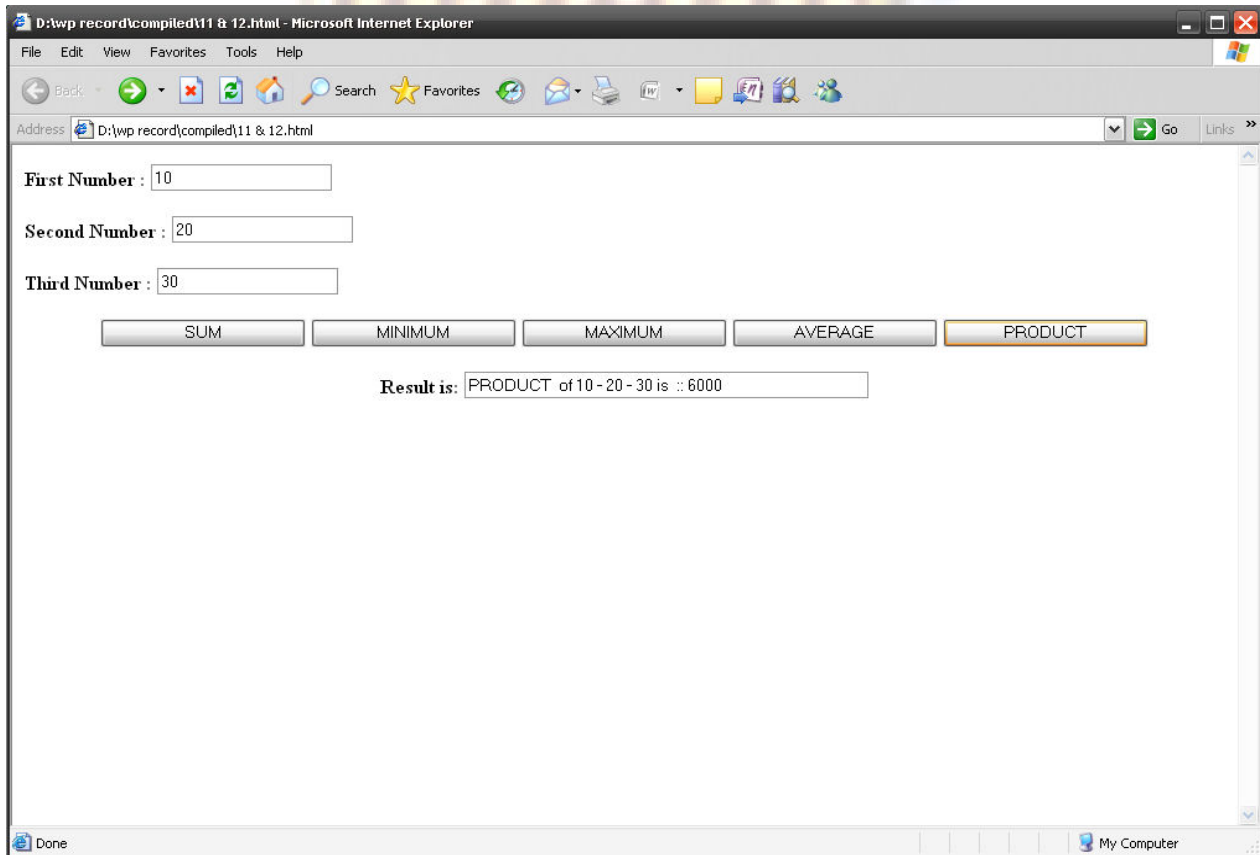
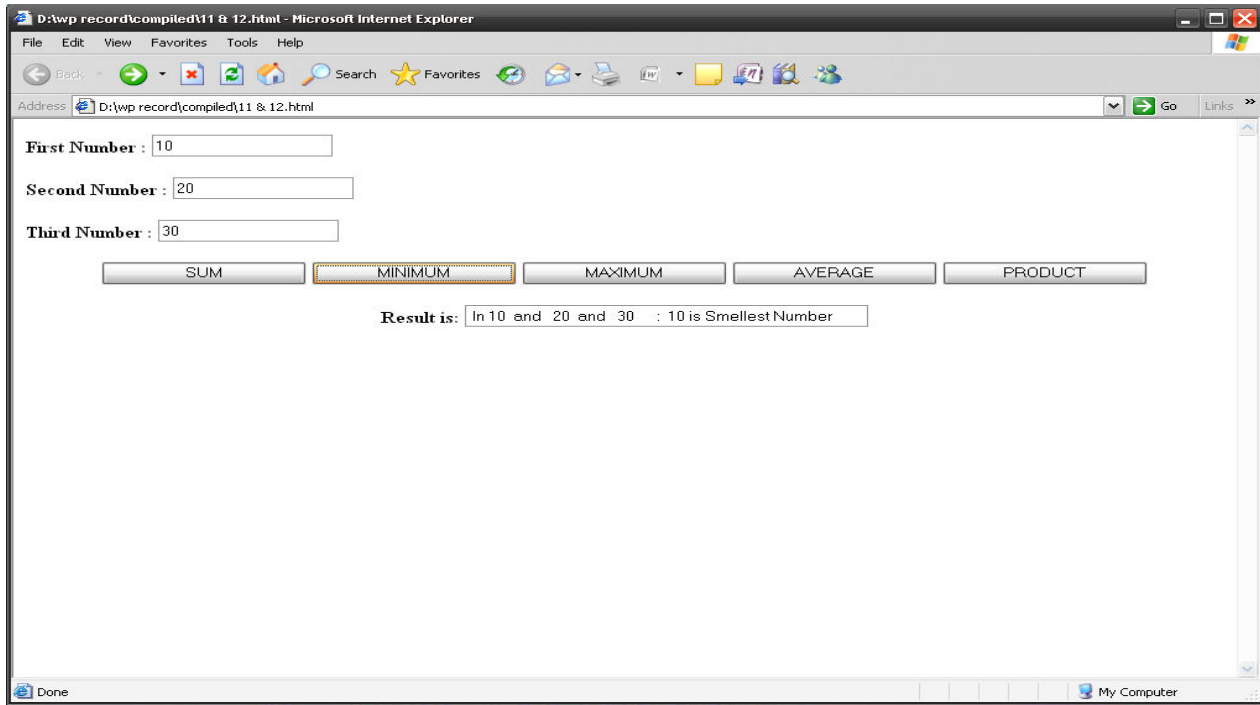
```
var number2=parseFloat(nu2);
var number3=parseFloat(nu3);
if(number1==number2 || number1==number3 || number2==number3)
{
document.form1.t3.value = (" Enter differenet values and try again ");
}
else if(number1>number2 && number1>number3)
{
document.form1.t3.value = (" In "+number1+" and "+number2+" and "+number3+" :
"+number1+" is Greater");
}
else if(number2>number1 && number2>number3)
{
document.form1.t3.value = ("In "+number1+" and "+number2+" and "+number3+" :
"+number2+"is Greater");
}
else if(number3>number1 && number3>number2)
{
document.form1.t3.value = (" in "+number1+" and "+number2+" and "+number3+" :
"+number3+"is Greater");
}
}
function avera()
{
var nu1=document.form1.num1.value;
var nu2=document.form1.num2.value;
var nu3=document.form1.num3.value;
```



```
var number1=parseFloat(nu1);
var number2=parseFloat(nu2);
var number3=parseFloat(nu3);
var aver = ((number1+number2+number3)/3);
document.form1.t3.value = ("AVERAGE of "+number1+" - "+number2+" - "+number3+" is :: "+aver);
}
function prod()
{
var nu1=document.form1.num1.value;
var nu2=document.form1.num2.value;
var nu3=document.form1.num3.value;
var number1=parseFloat(nu1);
var number2=parseFloat(nu2);
var number3=parseFloat(nu3);
var pro = (number1*number2*number3);
document.form1.t3.value = ("PRODUCT of "+number1+" - "+number2+" - "+number3+" is :: "+pro);
}
</script>
</head>
<body>
<form name=form1>
<b> First Number : </b> <input type=number name="num1" value="0"> <br> <br>
<b> Second Number : </b> <input type=number name="num2" value="0"> <br> <br>
<b> Third Number : </b> <input type=number name="num3" value="0"> <br> <br>
<center>
```

```
<input type=button value="SUM" onClick="adding()" style="width: 166px">
<input type=button value="MINIMUM" onClick="Findingmin()" style="width: 166px">
<input type=button value="MAXIMUM" onClick="maxing()" style="width: 166px">
<input type=button value="AVERAGE" onClick="avera()" style="width: 166px">
<input type=button value="PRODUCT" onClick="prod()" style="width: 166px"> <br> <br>
<b> Result is: </b> <input type=text name="t3" size=50> </center>
</form>
</body>
</html>
```



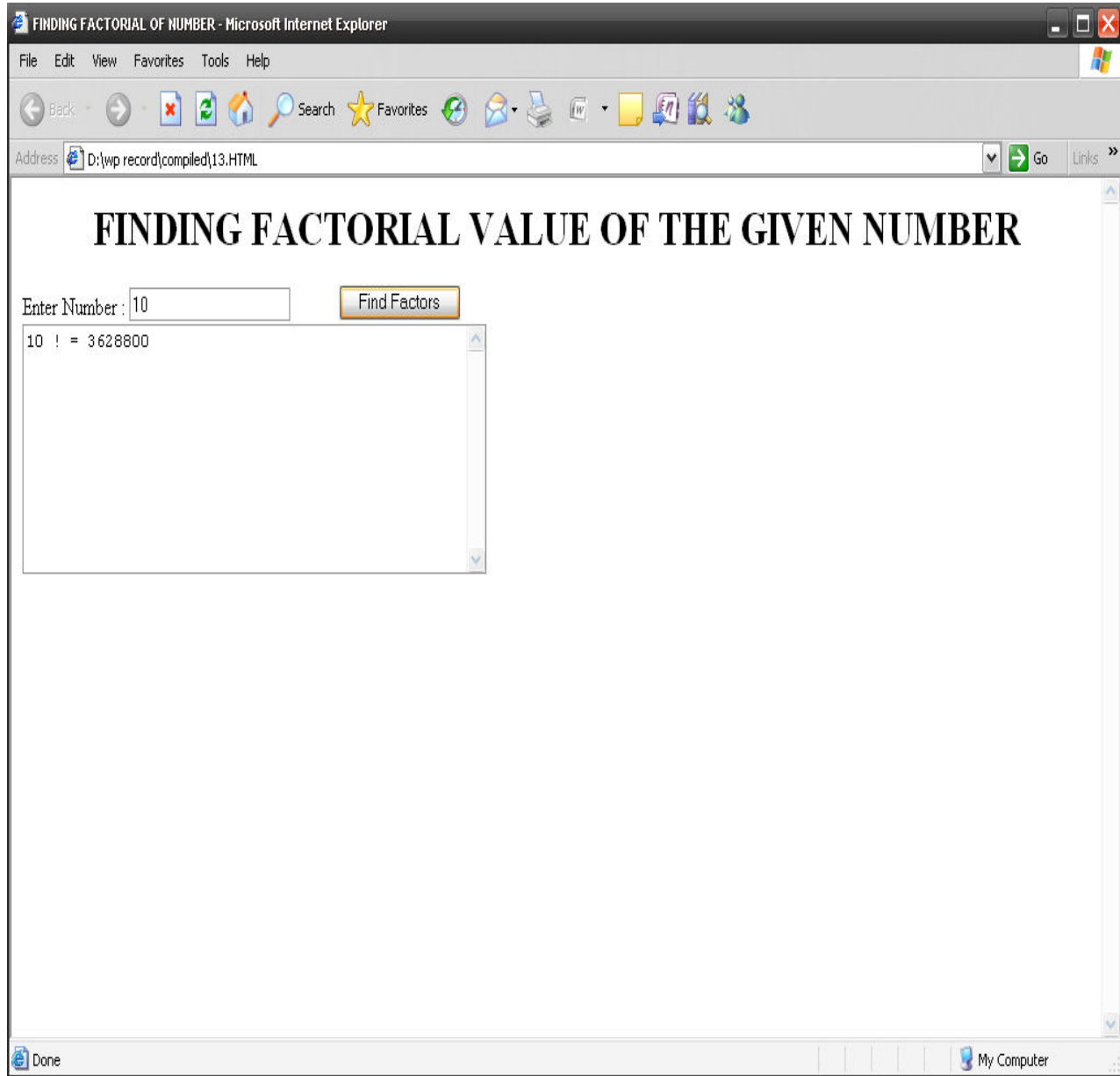


13. Write a HTML program using java script to demonstrate factorial of integer using RECURSIONS.

```
<html>  
<HEAD>  
<title> FINDING FACTORIAL OF NUMBER </title>  
<script language=JavaScript>  
var factorial=1;  
function FACTS()  
{  
var max = document.info.b1.value;  
for(var loopIndex=1;loopIndex<=max;loopIndex++)  
{  
factorial=factorial * loopIndex;  
document.info.t1.value = (loopIndex + " ! = "+factorial);  
}  
}  
</script>  
</HEAD>  
<body>  
<form name="info"> <center> <h1> FINDING FACTORIAL VALUE OF THE GIVEN NUMBER </h1>  
</center>  
  
Enter Number : <input type="text" size="20" name="b1"> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; <input  
type="button" value="Find Factorial" onClick="FACTS()">  
  
<BR> <textarea rows="10" cols="50" name="t1"> </textarea>  
  
</form>
```

</body>

</html>



14. Write a HTML program using java script to demonstrate Fibonacci (series) numbers using RECURSIONS.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

<HTML>

<HEAD>

<TITLE>Recursive Fibonacci Function</TITLE>

<SCRIPT LANGUAGE = "JavaScript">

    function getFibonacciValue()

    {

        var value = parseInt( document.myForm.number.value );

        window.status = "Calculating Fibonacci number for " + value;

        document.myForm.result.value = fibonacci( value );

        window.status = "Done calculating Fibonacci number";

    }

    function fibonacci( n )

    {

        if ( n == 0 || n == 1 ) // base case

            return n;

        else

            return fibonacci( n - 1 ) + fibonacci( n - 2 );

    }

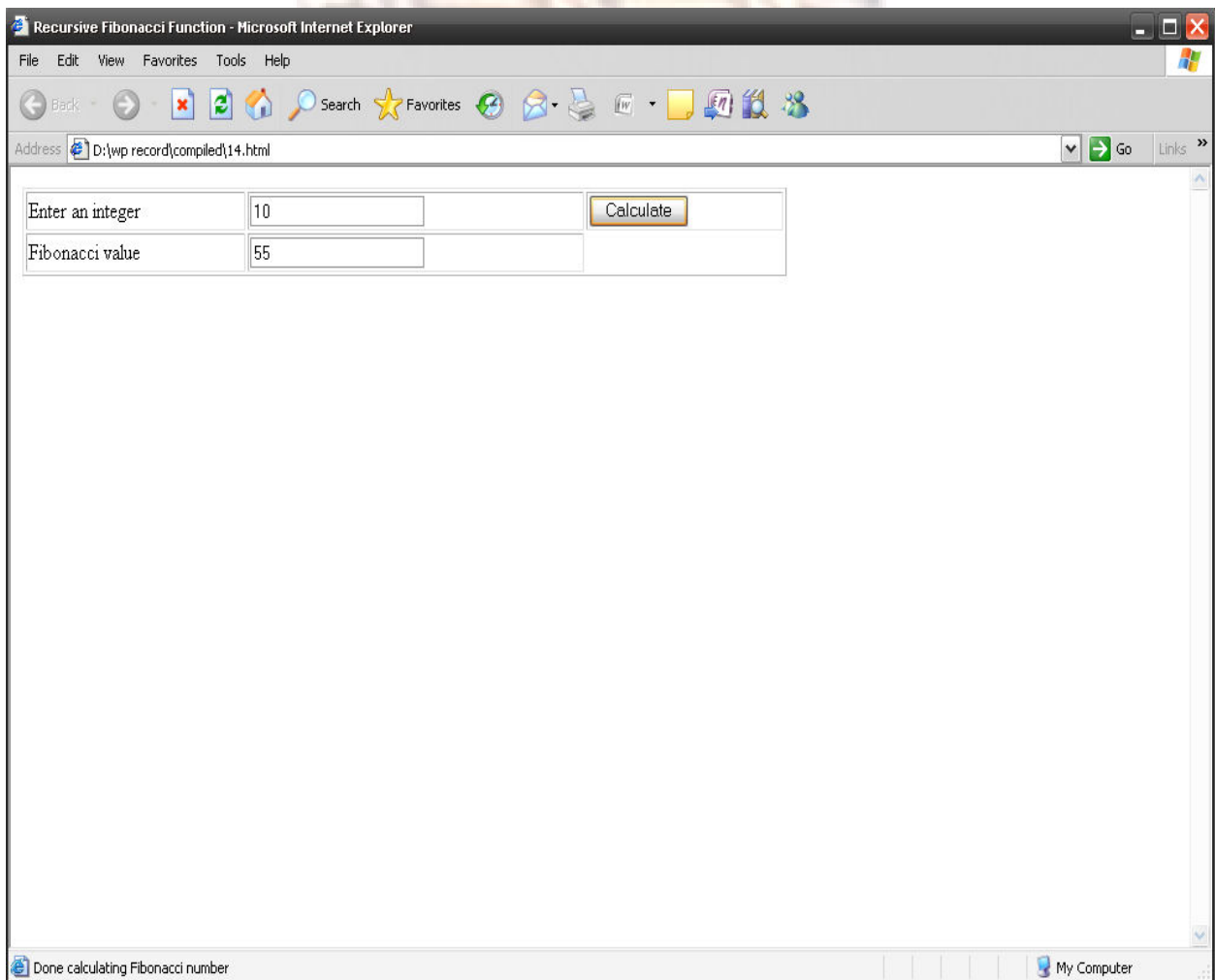
</SCRIPT>

</HEAD>

<BODY>

<FORM NAME = "myForm">
```

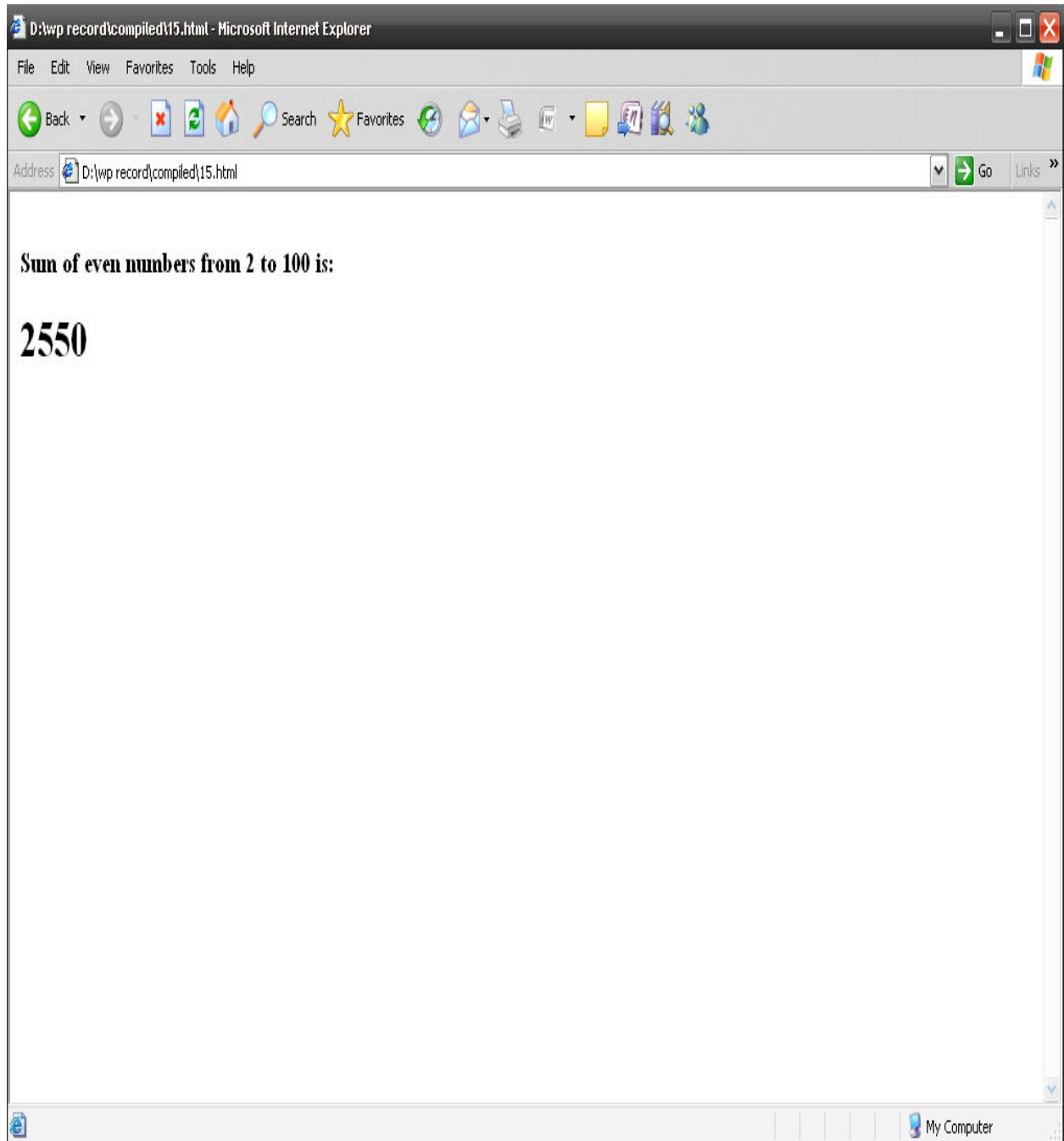
```
<TABLE width="641" BORDER = "1">
<TR><TD>Enter an integer</TD>
<TD><input name = "number" type = "text" size="20"></TD>
<TD><INPUT TYPE = "button" VALUE = "Calculate"
ONCLICK = "getFibonacciValue()"></TR>
<TR><TD>Fibonacci value</TD>
<TD><INPUT NAME = "result" TYPE = "text" size="20"></TD></TR>
</TABLE>
</FORM></BODY>
</HTML>
```



15. Write a HTML program using java script to sum of even integers from 2 to 100.

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Sum of EVEN Numbers
</title>
<script language="JavaScript">
function sumeven()
{
    var j=0;
    for(var i=2; i<=100;i+=2)
        j+=i;

    document.writeln("<br> <h3> Sum of even numbers from 2 to 100 is: </h3> <h1>"+j+"</h1>");
}
</script>
</head>
<body onLoad ="sumeven()">
</body>
</html>
```

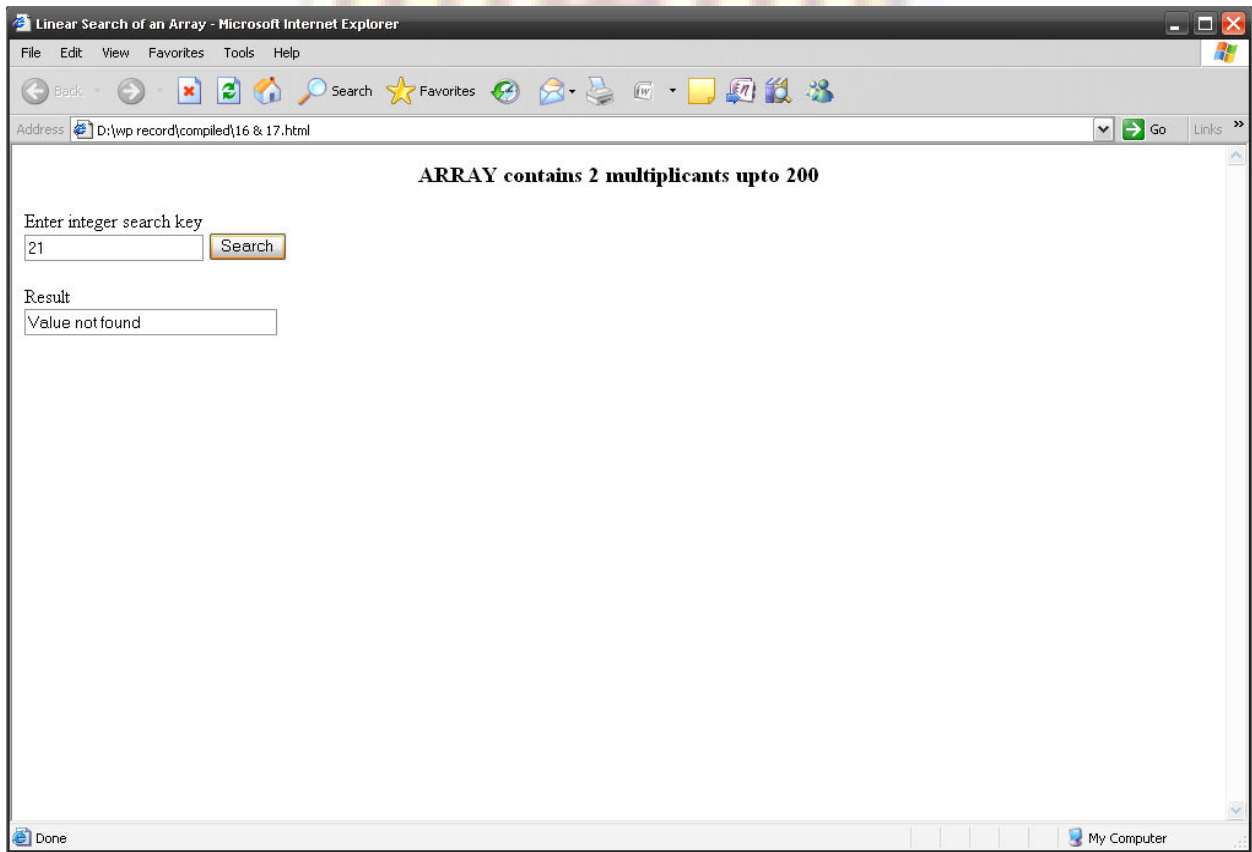
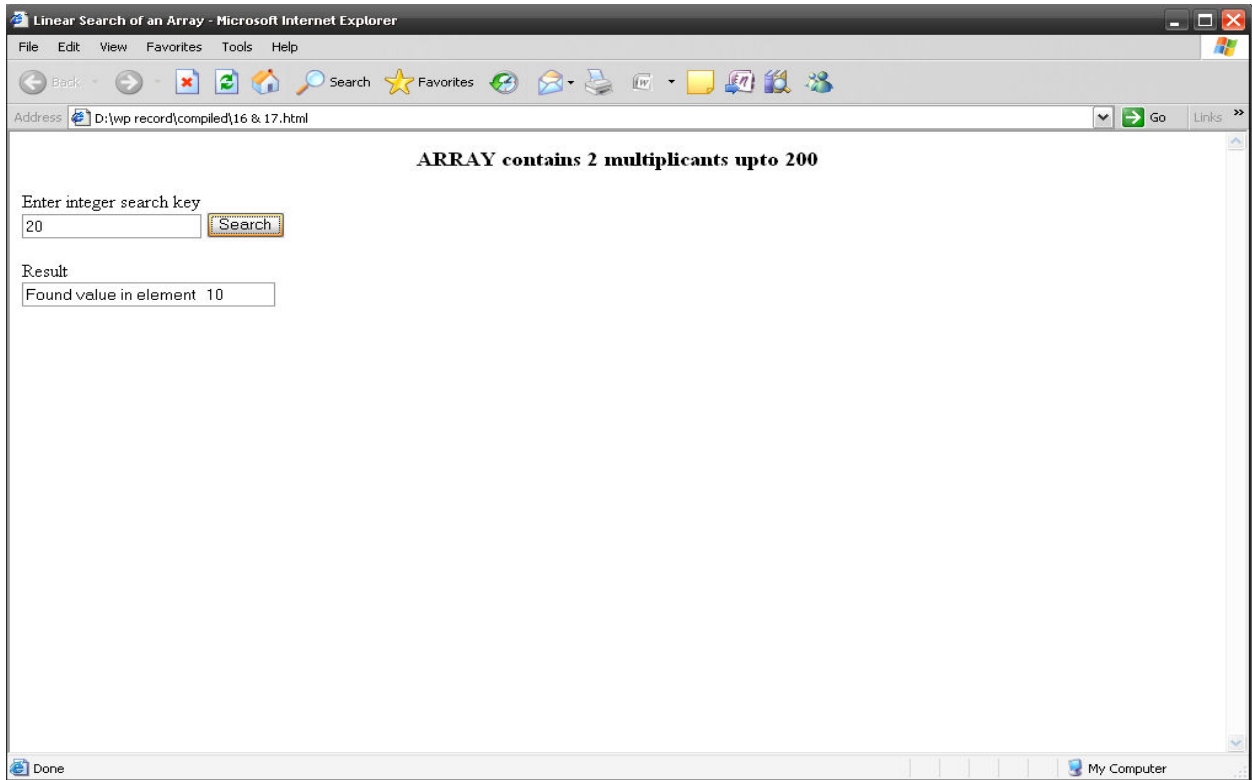
16. Write a HTML program using java script to search an array of elements using linear search

17. Write a HTML program using java script to search an element in an array element using binary search

```
<html >
<head>
<title>Linear Search of an Array</title>
<script type = "text/javascript">
<!--   var a = new Array( 100 );
      for ( var i = 0; i < a.length; ++i )
        a[ i ] = 2 * i;
function buttonPressed()
{
  var searchKey = searchForm.inputVal.value;
  var element = linearSearch( a, parseInt( searchKey ) );
  if ( element != -1 )
    searchForm.result.value = "Found value in element " + element;
  else
    searchForm.result.value = "Value not found";
}
function linearSearch( theArray, key )
{
  for ( var n = 0; n < theArray.length; ++n )
    if ( theArray[ n ] == key )
      return n;
  return -1;  }
```

```
</script>
</head>
<body>
  <form name = "searchForm" action = ""> <h3> <center> ARRAY contains 2 multiplicants upto 200
</center> </h3>
  <p>Enter integer search key<br />
  <input name = "inputVal" type = "text" />
  <input name = "search" type = "button" value = "Search" onclick = "buttonPressed()" /> <br /> </p>
  <p> Result <br />
  <input name = "result" type = "text" size = "30" /> </p>
</form>
</body>
</html>
```





18. Write a HTML program using java script to demonstrate Date and Time methods.

```
<html>

<head>

<title>Date and Time Methods</title>

<script language = "javascript">

<!--

var current = new Date();

document.writeln( "<h1>String representations and valueOf</h1>" );

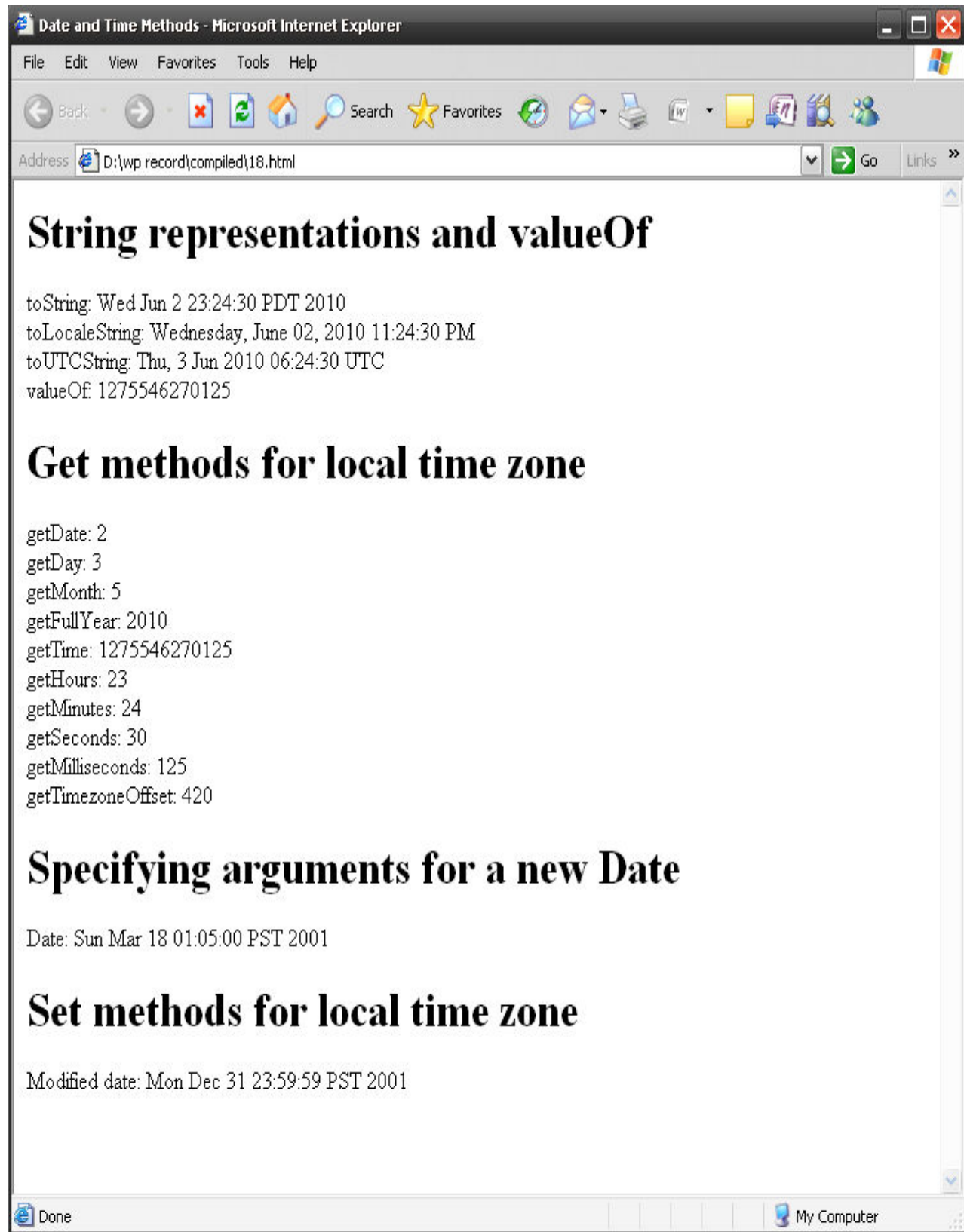
document.writeln( "toString: " + current.toString() +
" <br>toLocaleString: " + current.toLocaleString() +
" <br>toUTCString: " + current.toUTCString() +
" <br>valueOf: " + current.valueOf() );

document.writeln( "<h1>Get methods for local time zone</h1>" );

document.writeln( "getDate: " + current.getDate() +
" <br>getDay: " + current.getDay() +
" <br>getMonth: " + current.getMonth() +
" <br>getFullYear: " + current.getFullYear() +
" <br>getTime: " + current.getTime() +
" <br>getHours: " + current.getHours() +
" <br>getMinutes: " + current.getMinutes() +
" <br>getSeconds: " + current.getSeconds() +
" <br>getMilliseconds: " +
current.getMilliseconds() +
" <br>getTimezoneOffset: " +
```

```
current.getTimezoneOffset() );

document.writeln(
    "<h1>Specifying arguments for a new Date</h1>" );
var anotherDate = new Date( 2001, 2, 18, 1, 5, 0, 0 );
document.writeln( "Date: " + anotherDate );
document.writeln("<h1>Set methods for local time zone</h1>" );
anotherDate.setDate( 31 );
anotherDate.setMonth( 11 );
anotherDate.setFullYear( 2001 );
anotherDate.setHours( 23 );
anotherDate.setMinutes( 59 );
anotherDate.setSeconds( 59 );
document.writeln( "Modified date: " + anotherDate );
// -->
</script>
</head><body></body>
</html>
```



The screenshot shows a Microsoft Internet Explorer browser window titled "Date and Time Methods - Microsoft Internet Explorer". The address bar displays "D:\wp record\compiled\18.html". The page content includes several sections:

String representations and valueOf

toString: Wed Jun 2 23:24:30 PDT 2010
toLocaleString: Wednesday, June 02, 2010 11:24:30 PM
toUTCString: Thu, 3 Jun 2010 06:24:30 UTC
valueOf: 1275546270125

Get methods for local time zone

getDate: 2
getDay: 3
getMonth: 5
getFullYear: 2010
getTime: 1275546270125
getHours: 23
getMinutes: 24
getSeconds: 30
getMilliseconds: 125
getTimezoneOffset: 420

Specifying arguments for a new Date

Date: Sun Mar 18 01:05:00 PST 2001

Set methods for local time zone

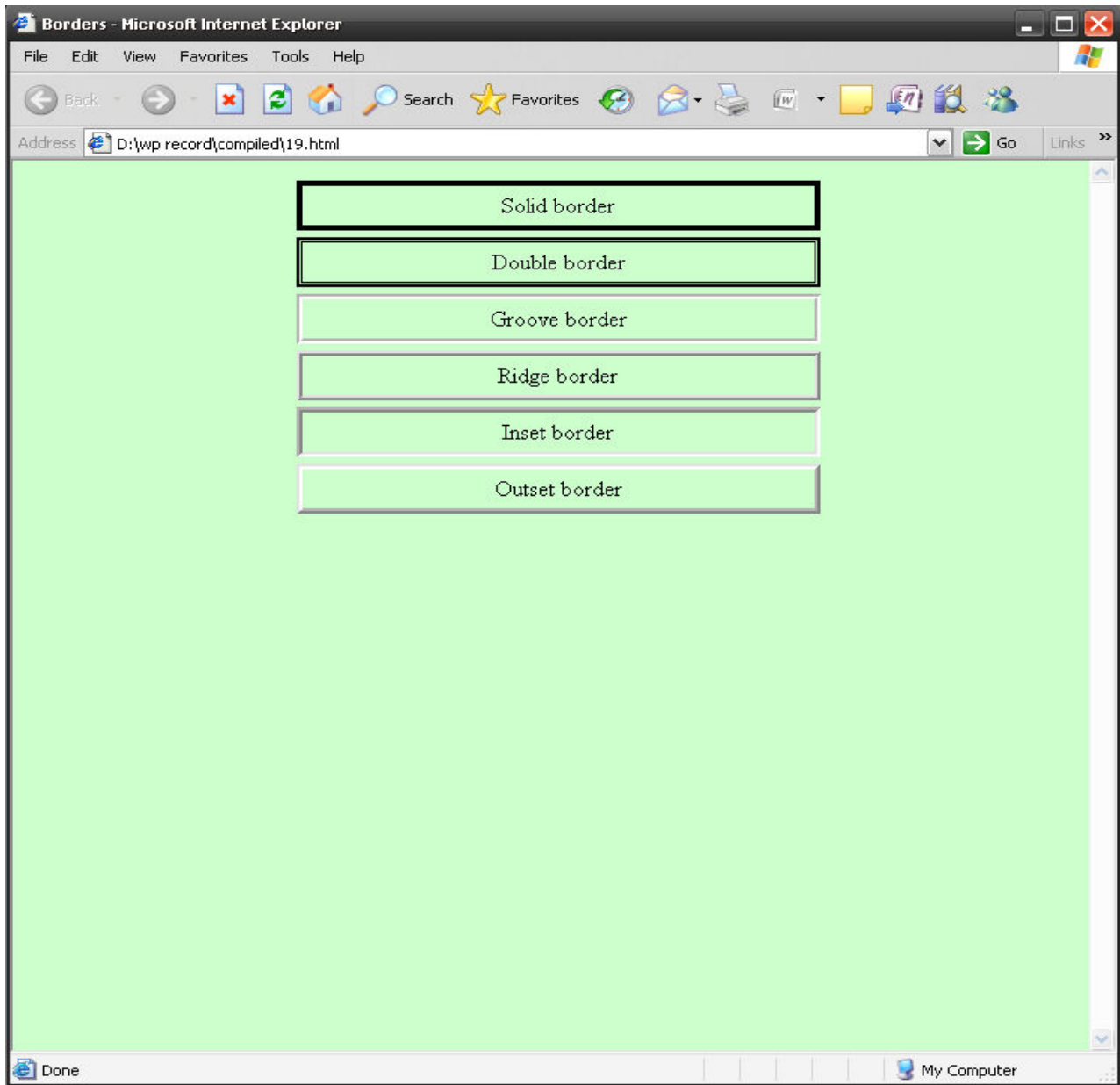
Modified date: Mon Dec 31 23:59:59 PST 2001

The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with navigation and utility icons, and a status bar at the bottom showing "Done" and "My Computer".

19. Write a HTML program to demonstrate aligning text and setting box dimension using CSS.

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

  <style type = "text/css">
    body { background-color: #ccffcc }
    div { text-align: center;
          margin-bottom: .3em;
          width: 50%;
          position: relative;
          left: 25%;
          padding: .3em }
  </style>
</head>
<body>
  <div style = "border-style: solid">Solid border</div>
  <div style = "border-style: double">Double border</div>
  <div style = "border-style: groove">Groove border</div>
  <div style = "border-style: ridge">Ridge border</div>
  <div style = "border-style: inset">Inset border</div>
  <div style = "border-style: outset">Outset border</div>
</body>
</html>
```

20. Write a HTML program to demonstrate object hierarchy using collection children.

```
<html xmlns = "http://www.w3.org/1999/xhtml">

<head>

<title>Object Hierarchy</title>

<script type = "text/javascript">

<!--

var elements = "<ul>";

function child( object )

{

var loop = 0;

elements += "<li>" + object.tagName + "<ul>";

for ( loop = 0; loop < object.children.length; loop++ )

{

if ( object.children[ loop ].children.length )

child( object.children[ loop ] );

else

elements += "<li>" +

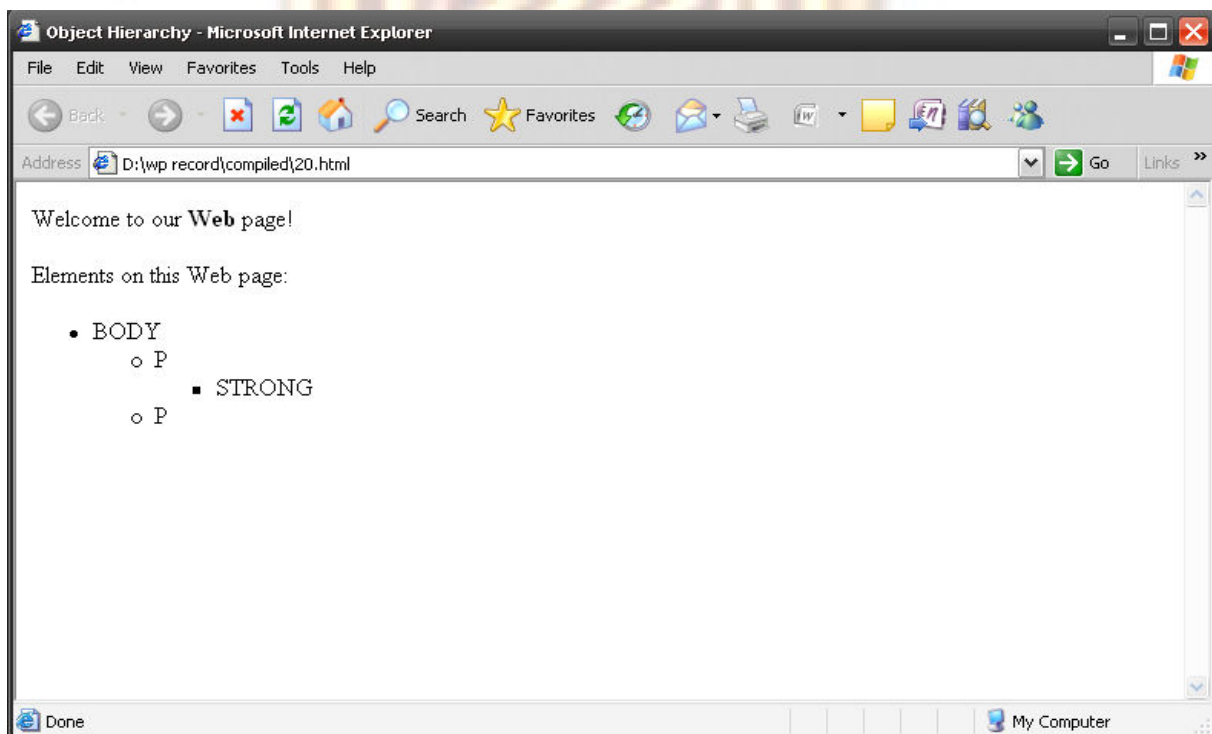
object.children[ loop ].tagName +

"</li>";

}

}
```

```
        elements += "</ul>" + "</li>";
    }
    // -->
</script>
</head>
<body onload = "child( document.all[ 4 ] );
    myDisplay.outerHTML += elements;
    myDisplay.outerHTML += '</ul>';">
    <p>Welcome to our <strong>Web</strong> page!</p>
    <p id = "myDisplay">
        Elements on this Web page:
    </p>
</body>
</html>
```

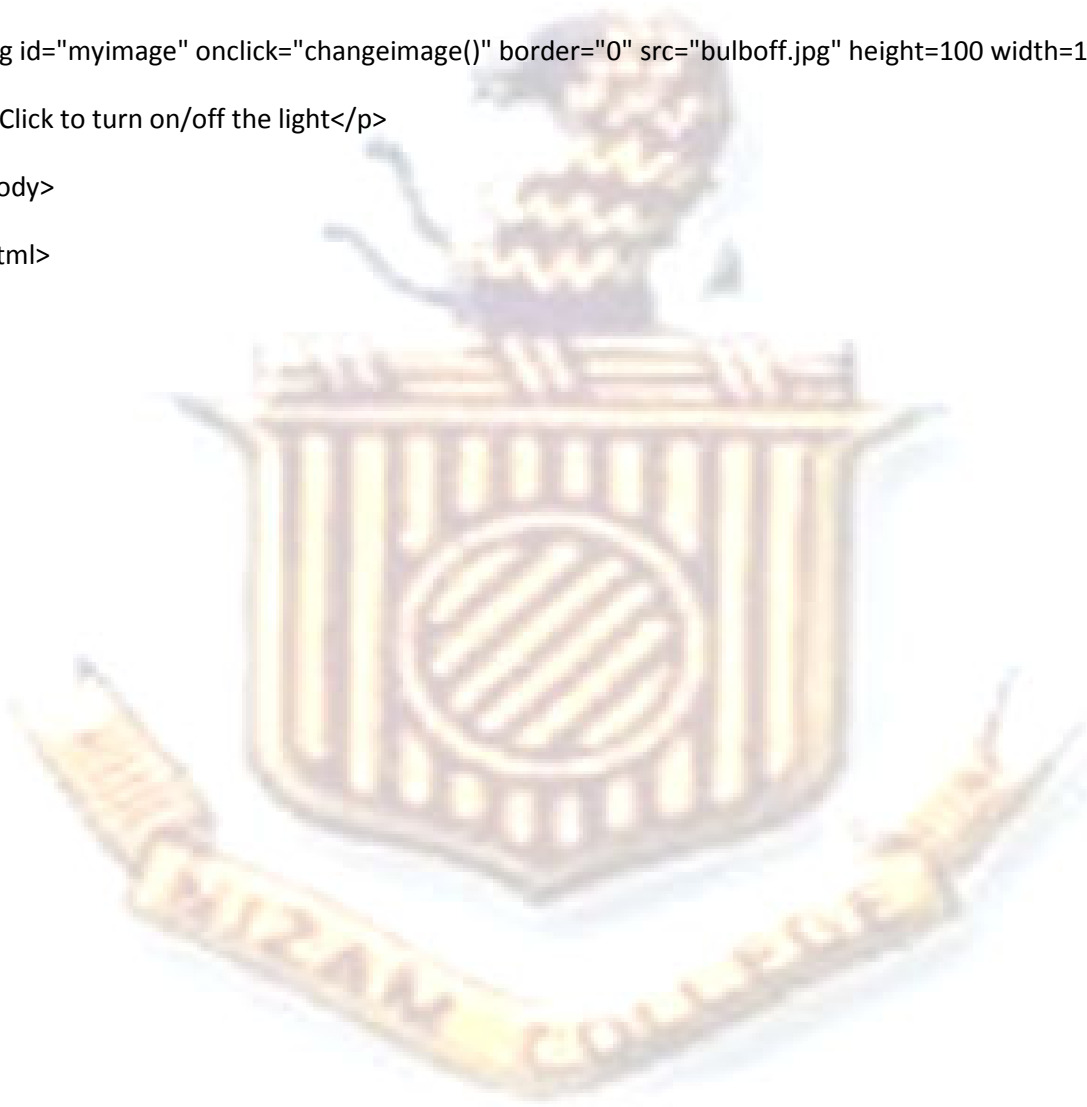


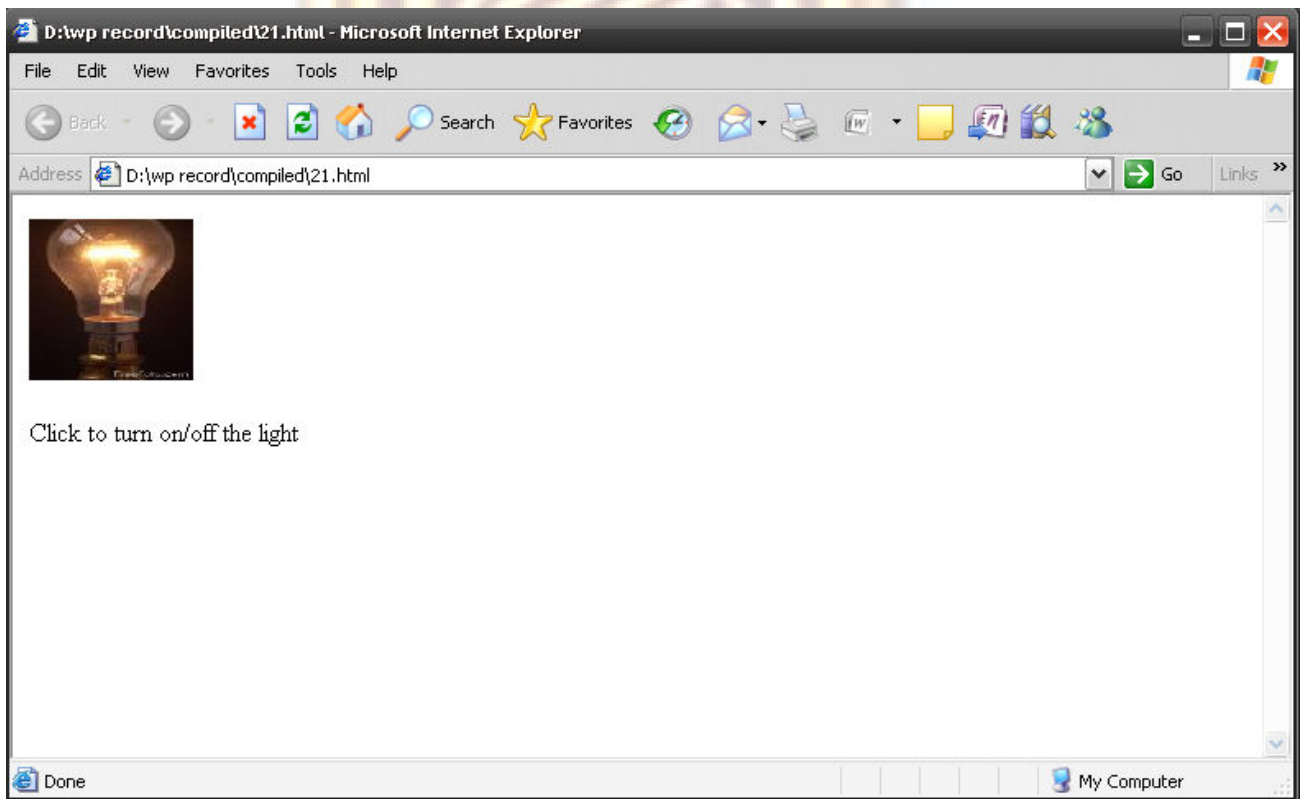
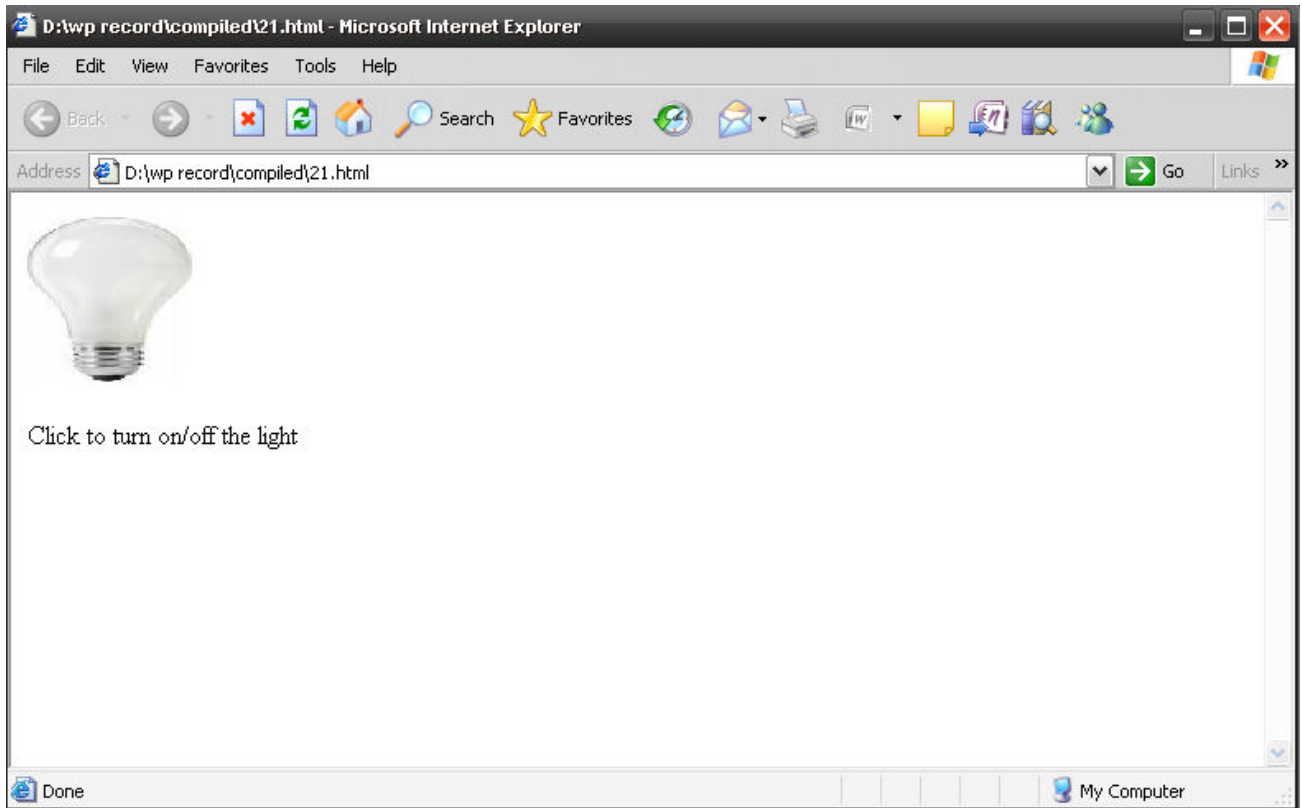
21. Write a HTML program to demonstrate ONCLICK and ONLOAD

```
<html>
<head>
<script type="text/javascript">
cc=0;
function changeimage()
{
if (cc==0)
{
cc=1;
document.getElementById('myimage').src="bulbon.jpg";
}
else
{
cc=0;
document.getElementById('myimage').src="bulboff.jpg";
}
}
</script>
```

```
<script type="text/javascript">
function mymessage()
{
alert("This message was triggered from the onload event");
}
```

```
}  
</script>  
</head>  
<body>  
<body onload="mymessage()">  
  
<p>Click to turn on/off the light</p>  
</body>  
</html>
```





22. Write a HTML program to demonstrate error handling with ONERROR.

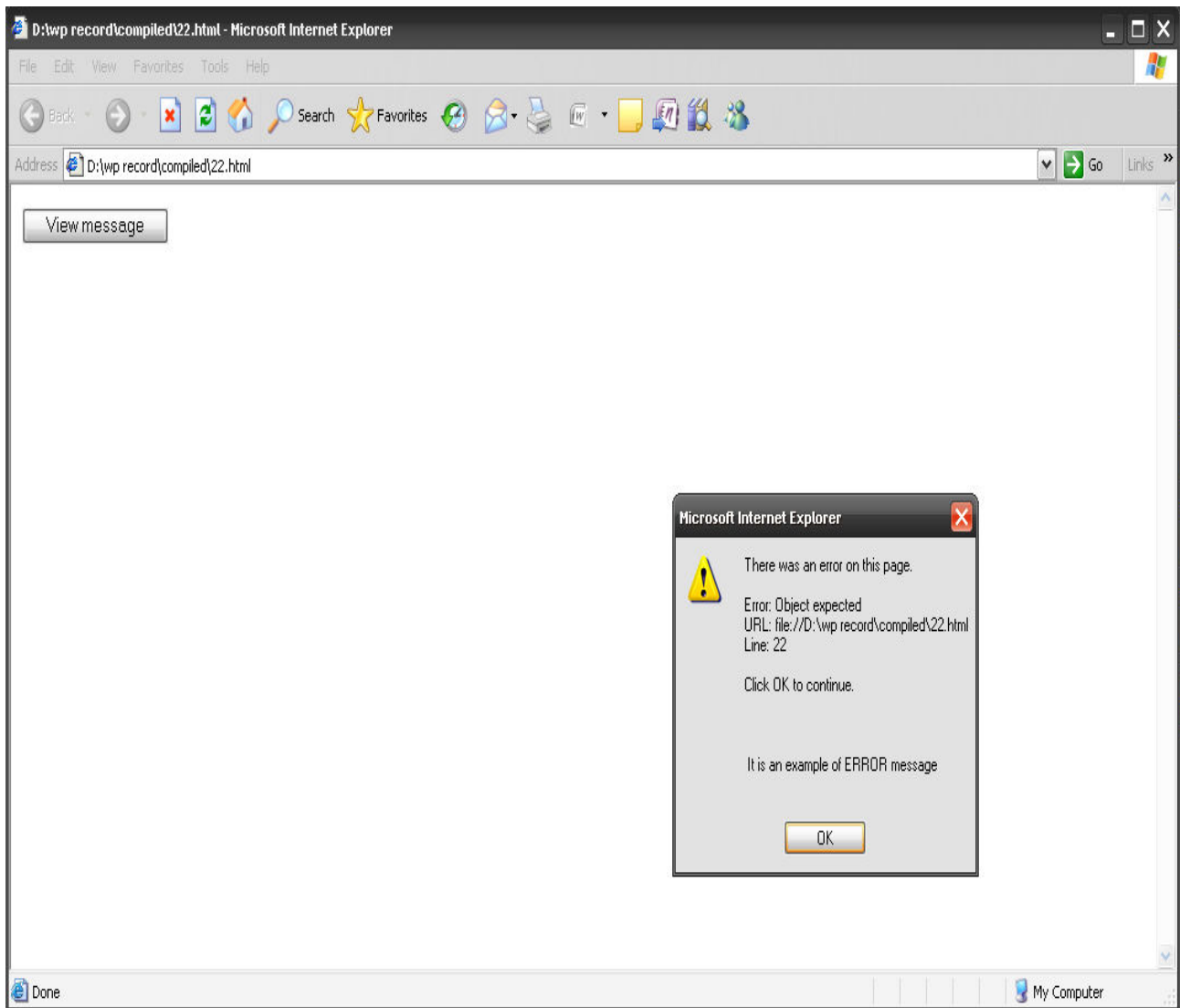
```
<html>
<head>
<script type="text/javascript">
onerror=handleErr;
var txt="";
function handleErr(msg,url,l)
{
txt="There was an error on this page.\n\n";
txt+="Error: " + msg + "\n";
txt+="URL: " + url + "\n";
txt+="Line: " + l + "\n\n";
txt+="Click OK to continue.\n\n";

txt+="\n\n It is an example of ERROR message \n\n";
alert(txt);
return true;
}

function message()
{
addlert("Welcome guest!");
}
</script>
</head>
<body>
<input type="button" value="View message" onclick="message()" />
```

</body>

</html>



23. Write a HTML program to demonstrate MOUSE EVENTS

```
<html>
<head>
<script type="text/javascript">
var i=1;
function moveright()
{
document.getElementById('header').style.position="relative";
document.getElementById('header').style.left=i++;
i++;
}
</script>
```

```
<script type="text/javascript">
function lighton()
{
document.getElementById('myimage').src="bulbon.jpg";
}
function lightoff()
{
document.getElementById('myimage').src="bulboff.jpg";
}
</script>
```

```
</head>
```

```
<body onmousemove="moveright()">
```

```
<h1 id="header">
```

Move the mouse over this page

```
</h1>
```

```

```

<p>Click and hold to turn on the light!

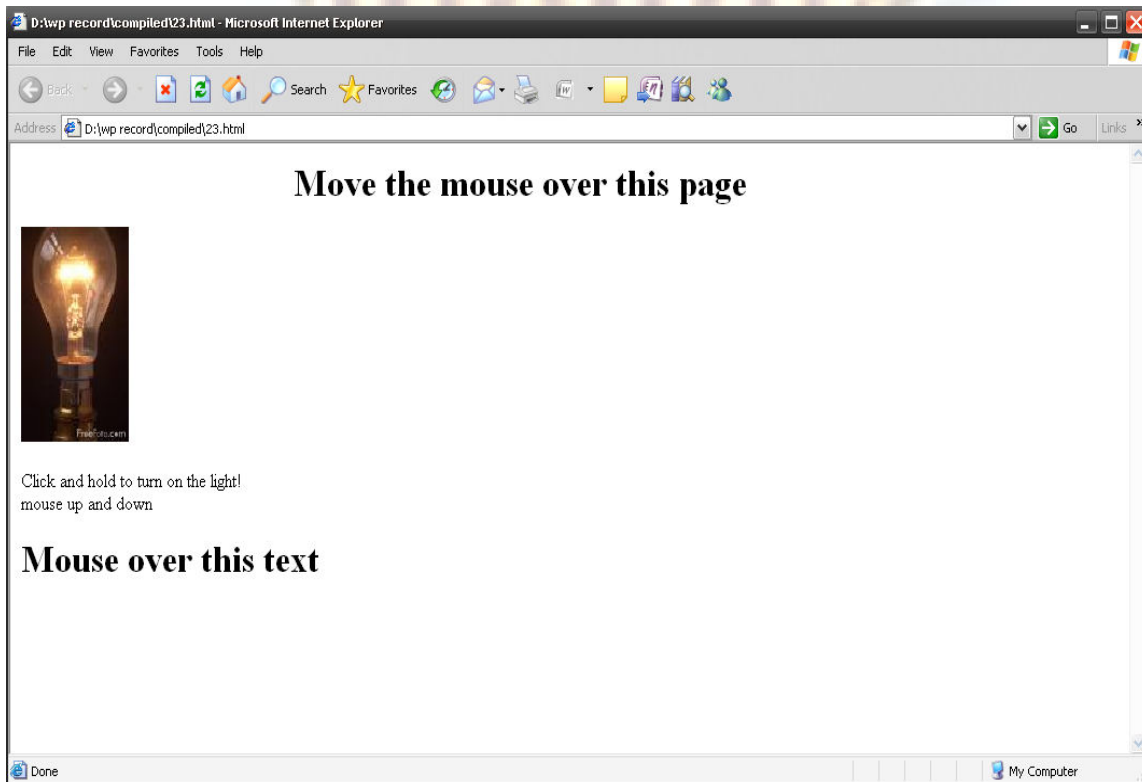
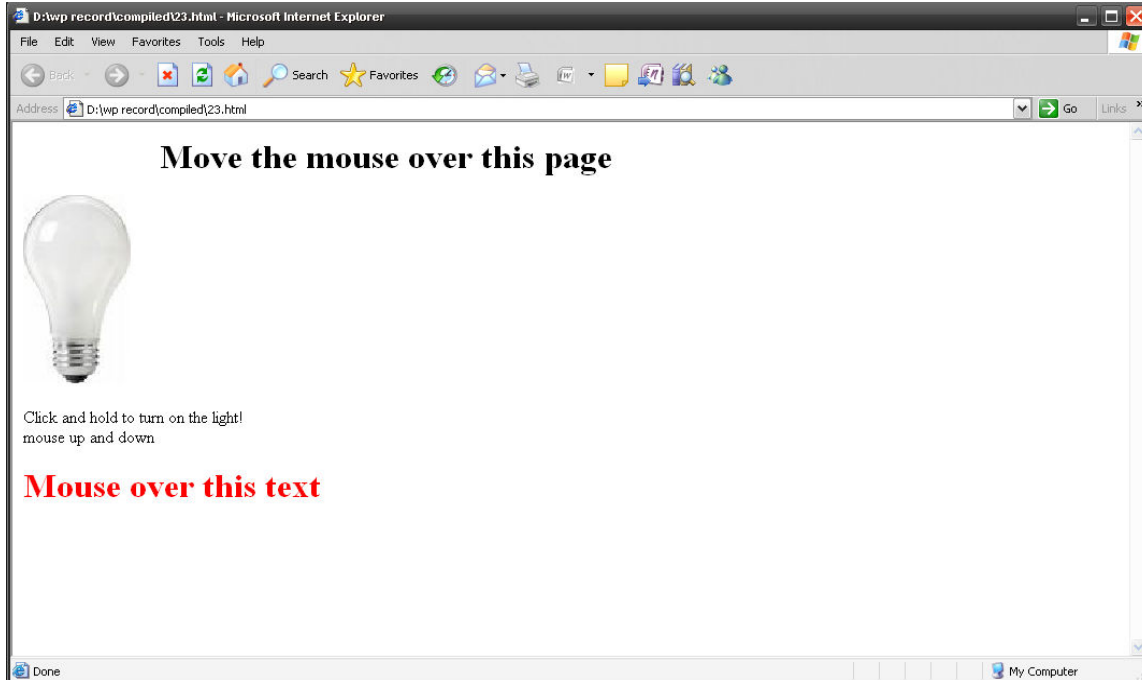
mouse up and down </p>

```
<h1 onMouseOver="style.color='red'"  
onmouseout="style.color='black'">
```

Mouse over this text</h1>

```
</body>
```

```
</html>
```



24. Write a HTML program to demonstrate FLIP FILTER.

```
<?xml version = "1.0"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 15.1: flip.html -->
<!-- Using the flip filters -->

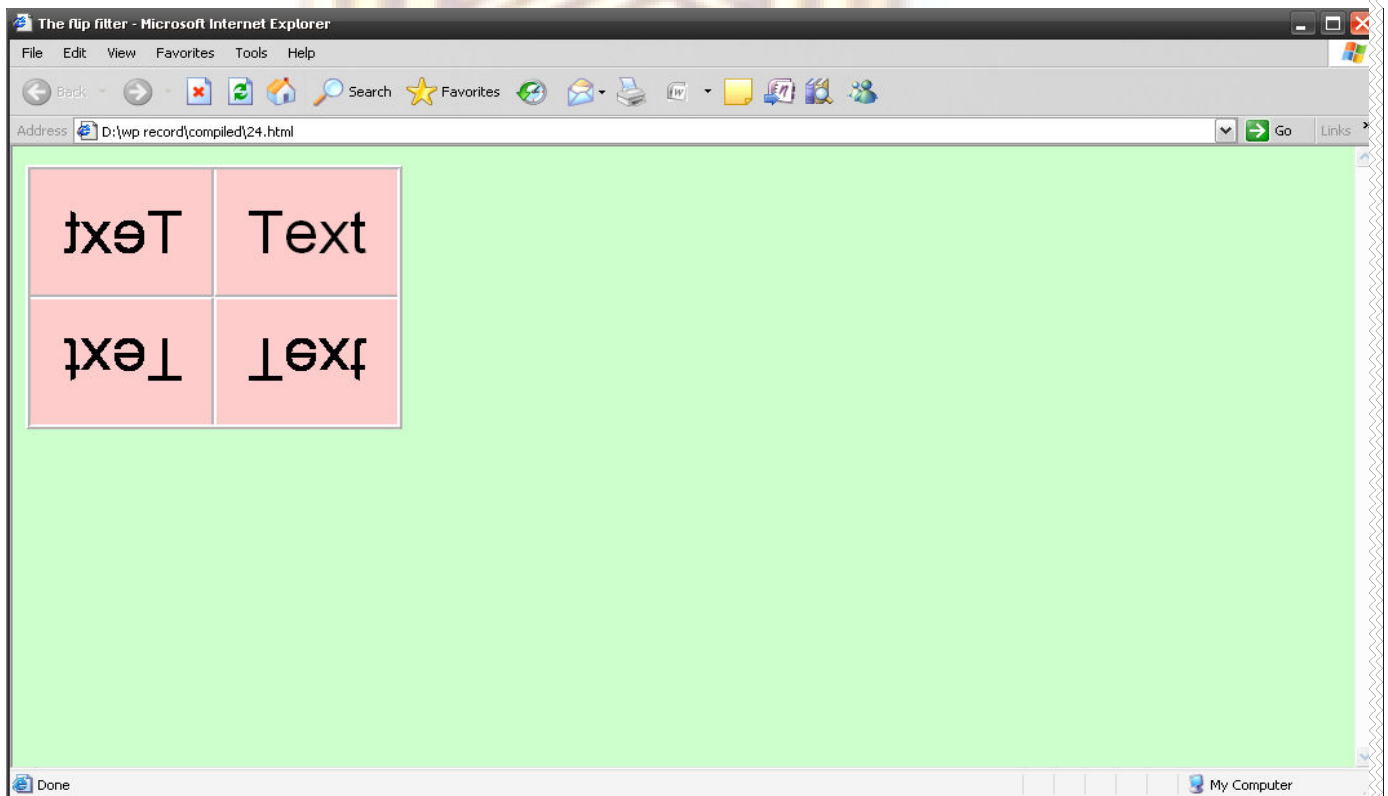
<html xmlns = "http://www.w3.org/1999/xhtml">
  <head>
    <title>The flip filter</title>

    <style type = "text/css">
      body { background-color: #CCFFCC }

      table { font-size: 3em;
              font-family: Arial, sans-serif;
              background-color: #FFCCCC;
              border-style: ridge ;
              border-collapse: collapse }

      td { border-style: groove;
           padding: 1ex }
    </style>
  </head>
  <body>
    <table>
```

```
<tr>
  <!-- Filters are applied in style declarations -->
  <td style = "filter: fliph">Text</td>
  <td>Text</td>
</tr>
<tr>
  <!-- More than one filter can be applied at once -->
  <td style = "filter: flipv fliph">Text</td>
  <td style = "filter: flipv">Text</td>
</tr>
</table>
</body>
</html>
```



25. Write a HTML program to demonstrate SHADOW FILTER

```
<?xml version = "1.0"?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

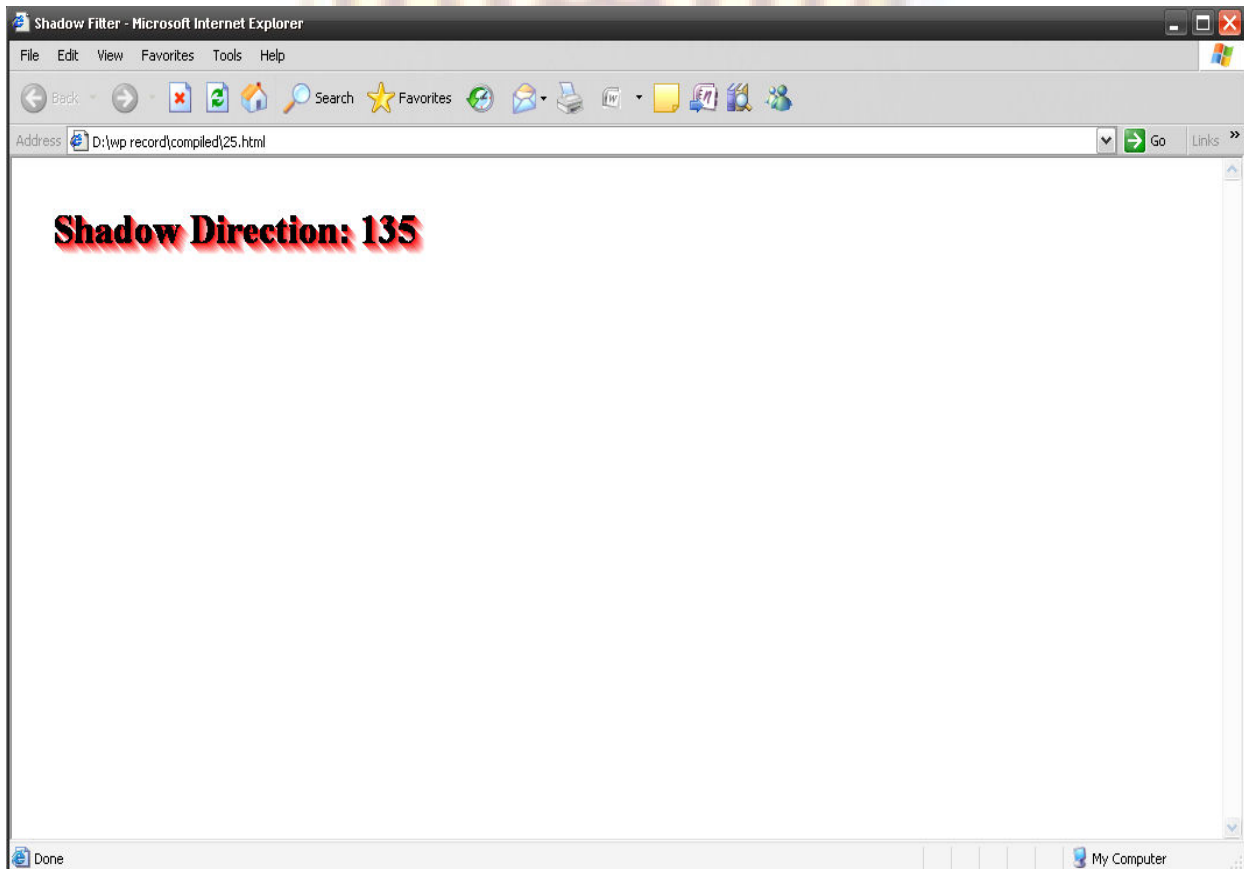
<!-- Fig 15.5: shadow.html -->
<!-- Applying the shadow filter -->

<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Shadow Filter</title>

<script type = "text/javascript">
<!--
var shadowDirection = 0;
function start()
{
window.setInterval( "runDemo()", 1000 );
}

function runDemo()
{
shadowText.innerText =
"Shadow Direction: " + shadowDirection % 360;
shadowText.filters( "shadow" ).direction =
( shadowDirection % 360 );
shadowDirection += 45;
```

```
}  
// -->  
</script>  
</head>  
  
<body onload = "start()">  
  
<h1 id = "shadowText" style = "position: absolute; top: 25;  
left: 25; padding: 10; filter: shadow( direction = 0,  
color = red )">Shadow Direction: 0</h1>  
  
</body>  
</html>
```



26. Write a HTML program using VB script to find minimum of numbers.

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> Minimum number among 3 numbers Calculation</TITLE>
```

```
<SCRIPT LANGUAGE ="VBScript">
```

```
    Dim num1
```

```
    Dim num2
```

```
    Dim num3
```

```
    num1= InputBox("Enter a positive number, -1 to Quit:", "0")
```

```
    Document.Write("First value is" & num1)
```

```
    Document.Write("<br>")
```

```
    num2= InputBox("Enter a positive number, -1 to Quit:", "0")
```

```
    Document.Write("Second value is" & num2)
```

```
    Document.Write("<br>")
```

```
    num3= InputBox("Enter a positive number, -1 to Quit:", "0")
```

```
    Document.Write("Third value is" & num3)
```

```
    Document.Write("<br>")
```

```
    if (num1<num2 and num1<num3) then
```

```
        Document.Write("<b>minimum number is </b>" & num1)
```

```
    elseif (num2<num3) then
```

```
        Document.Write("<b>minimum number is </b>" & num2)
```

```
    else
```

```
        Document.Write("<b>minimum number is </b>" & num3)
```

```
    end if
```

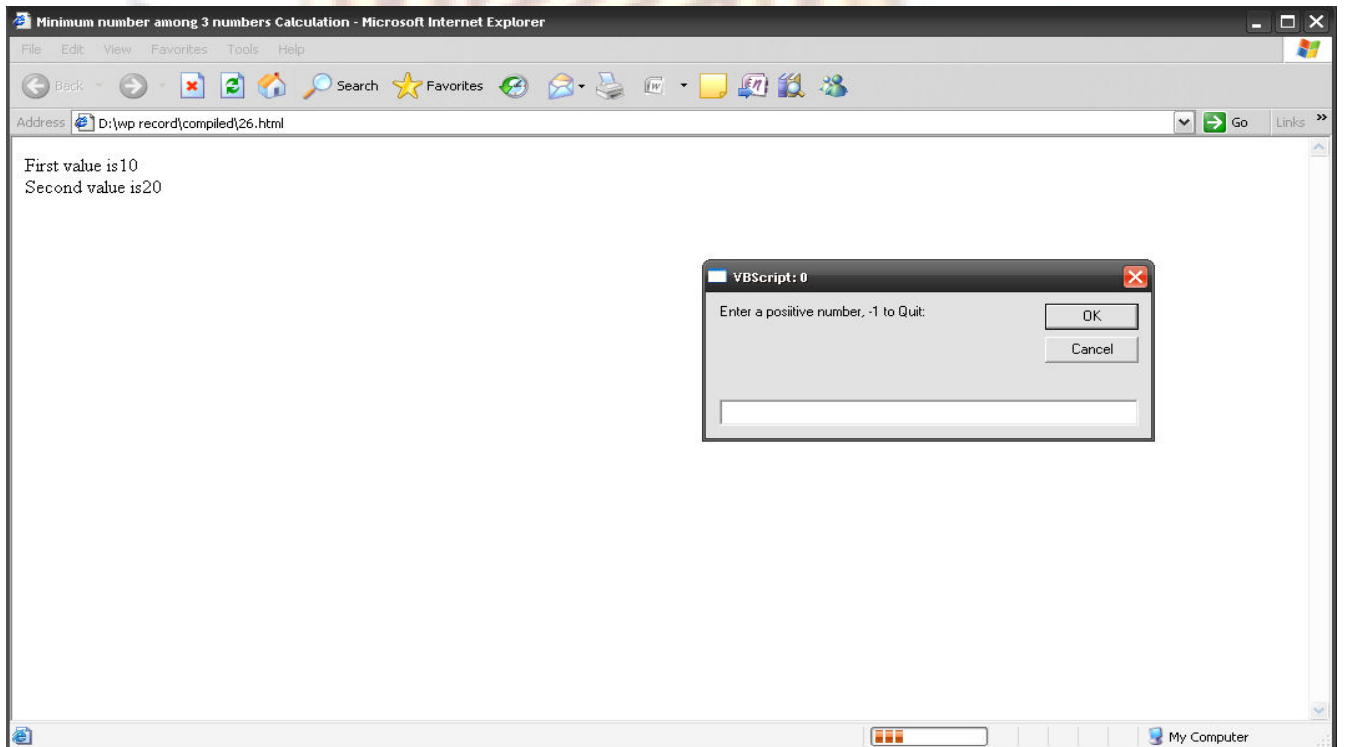
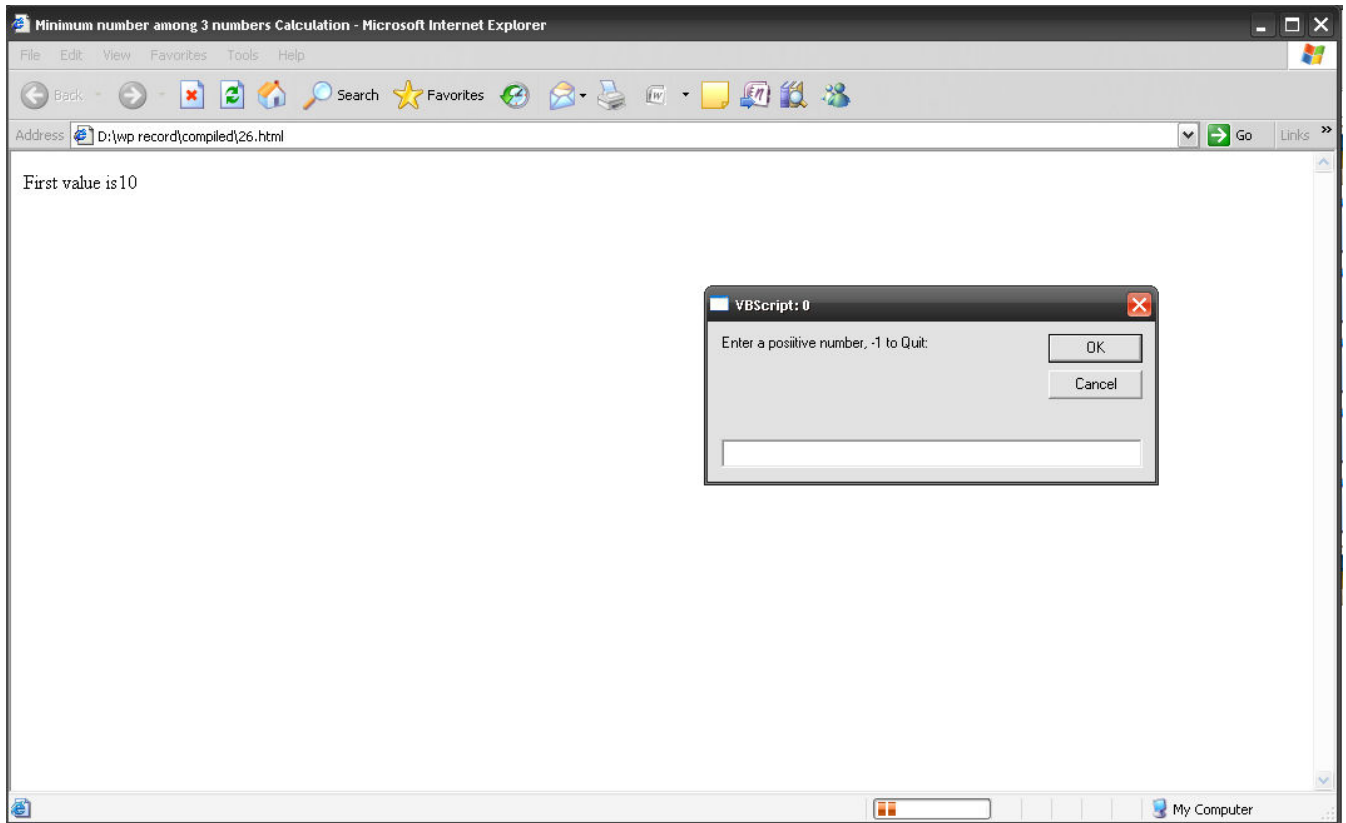
```
</SCRIPT>
```

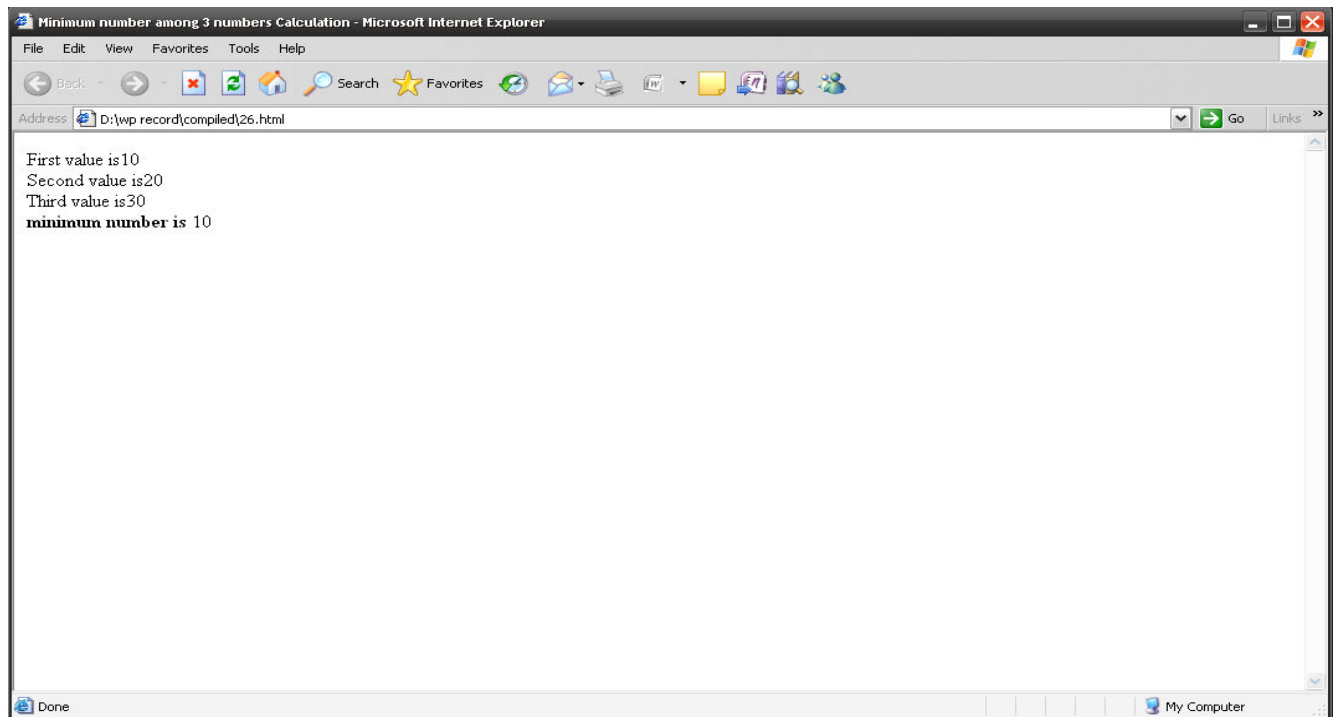
```
</HEAD>
```

```
<BODY>
```


</BODY>

</HTML>





27. Write a HTML program using VB script to demonstrate various string functions

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> Functions in VB Script</TITLE>
```

```
<SCRIPT LANGUAGE ="VBScript">
```

```
Dim txt,pos
```

```
txt=" This is a beautiful day! "
```

```
document.write("<u><b>InStr Demo</b></u>")
```

```
document.write("<br>")
```

```
pos=InStr(txt,"his")
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
'A textual comparison starting at position 4
```

```
pos=InStr(4,txt,"is",1)
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
'A binary comparison starting at position 1
```

```
pos=InStr(1,txt,"B",0)
```

```
document.write(pos)
```

```
document.write("<u><b>InStrRev Demo</b></u>")
```

```
document.write("<br>")
```

```
pos=InStrRev(txt,"his")
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
'textual comparison
```

```
pos=InStrRev(txt,"B",-1,1)
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
'binary comparison
```

```
pos=InStrRev(txt,"T")
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
'binary comparison
```

```
pos=InStrRev(txt,"t")
```

```
document.write(pos)
```

```
document.write("<br>")
```

```
document.write(" <u><b>Change to Lower Case</b></u>")
```

```
document.write("<br>")
```

```
document.write(LCase(txt))
```

```
document.write("<br>")
```

```
document.write("<u><b>Bring Text From Left Upto Given Range</b></u>")
```

```
document.write("<br>")
```

```
document.write(Left(txt,11))
```

```
document.write("<br>")
```

```
document.write("<u><b>Length of Text</u></b>")
```

```
document.write("<br>")
```

```
document.write(Len(txt))
```

```
document.write("<br>")
```

```
document.write("<u><b>LTrim</u></b>")
```

```
document.write("<br>")
```

```
document.write(LTrim(txt))
```

```
document.write("<br>")
```

```
document.write("<u><b>RTrim</u></b>")
```

```
document.write("<br>")
```

```
document.write(RTrim(txt))
```

```
document.write("<br>")
```

```
document.write("<u><b>Trim</u></b>")
```

```
document.write("<br>")
```

```
document.write(Trim(txt))
```

```
document.write("<br>")
```

```
document.write("<u><b>Replace</b></u>")
```

```
document.write("<br>")
```

```
document.write(Replace(txt,"beautiful","horrible"))
```

```
document.write("<br>")
```

```
document.write("<u><b>Right</b></u>")
```

```
document.write("<br>")
```

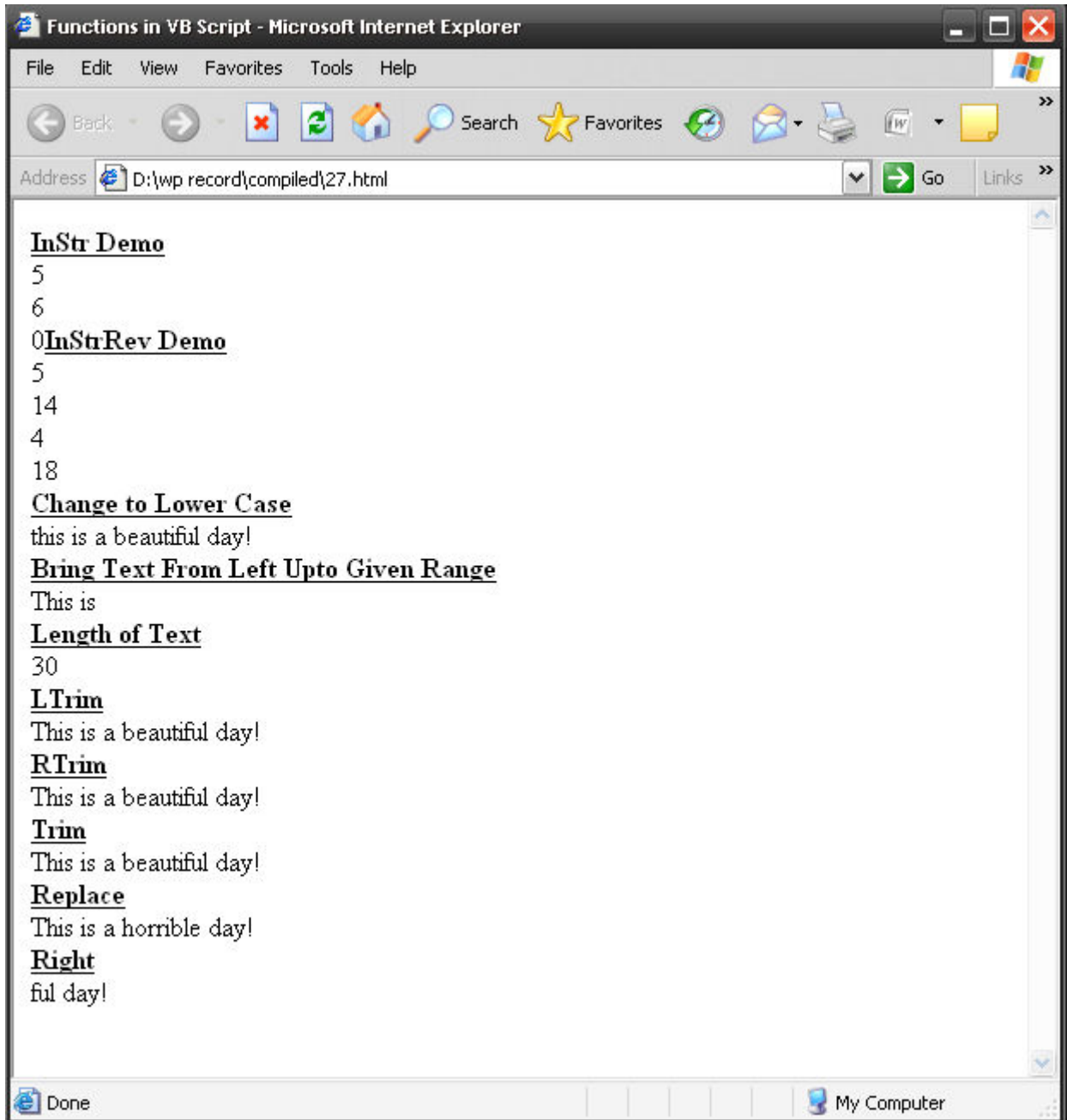
```
document.write(Right(txt,11))
```

```
document.write("<br>")
```

```
</SCRIPT>
```

```
</HEAD>
```

```
<BODY>  
</BODY>  
</HTML>
```



28. Write a HTML program using VB script to find sum of two numbers

```
<HTML>
```

```
<HEAD>
```

```
<TITLE> Sum of 2 numbers using VB-SCRIPT</TITLE>
```

```
<SCRIPT LANGUAGE = "VBScript">
```

```
<!--
```

```
Option Explicit
```

```
    //declaration
```

```
    Dim num1
```

```
    Dim num2
```

```
    Dim sum
```

```
    //document.write(" <center> <h2> PROGRAM TO FIND SUM OF TWO NUMBERS USING VB-SCRIPT  
</h2> </center> ");
```

```
    num1=InputBox("Enter an integer", "Input Box", , 1000, 1000)
```

```
    num2=InputBox("Enter an integer", "Input Box", , 1000, 1000)
```

```
    sum = CInt(num1)+CInt(num2)
```

```
    document.write("Addition of "+num1+" and "+num2+" is : " &sum)
```

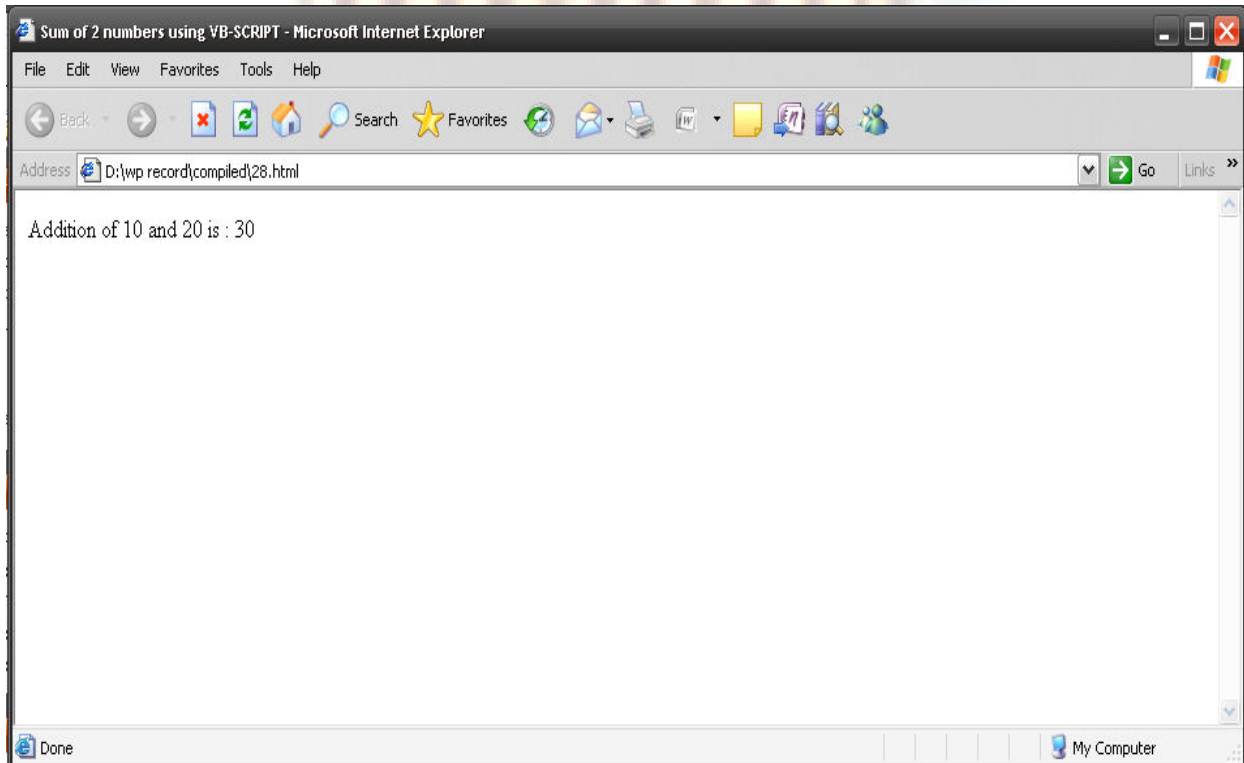
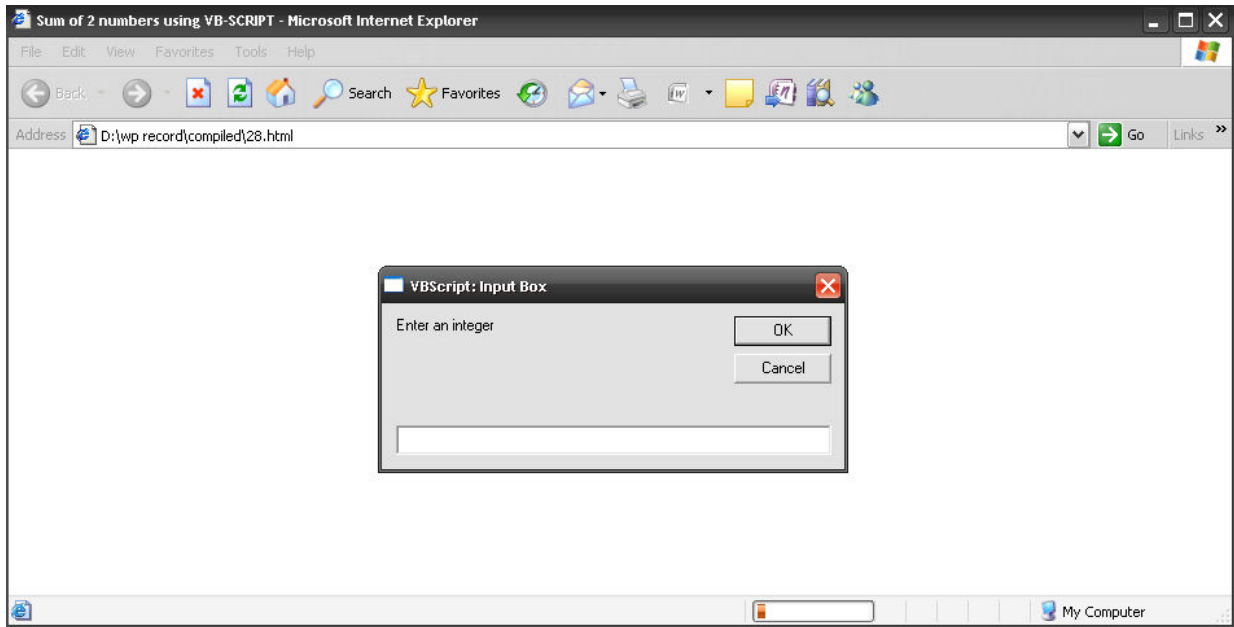
```
</SCRIPT>
```

```
</HEAD>
```

```
<BODY>
```

```
</BODY>
```

```
</HTML>
```



29. Write a HTML program using VB script to demonstrate use of VB script classes

```
<html>
<head>
<title>Using a VBScript Class</title>

<script type = "text/vbscript">
<!--
Option Explicit

Class Person
Private name, yearsOld, ssn

Public Property Let FirstName( fn )
name = fn
End Property

Public Property Get FirstName()
FirstName = name
End Property

Public Property Let Age( a )
yearsOld = a
End Property

Public Property Get Age()
```

```
Age = yearsOld
```

```
End Property
```

```
Public Property Let SocialSecurityNumber( n )
```

```
    If Validate( n ) Then
```

```
        ssn = n
```

```
    Else
```

```
        ssn = "000-00-0000"
```

```
        Call MsgBox( "Invalid Social Security Format" )
```

```
    End If
```

```
End Property
```

```
Public Property Get SocialSecurityNumber()
```

```
    SocialSecurityNumber = ssn
```

```
End Property
```

```
Private Function Validate( expression )
```

```
    Dim regularExpression
```

```
    Set regularExpression = New RegExp
```

```
    regularExpression.Pattern = "^\\d{3}-\\d{2}-\\d{4}$"
```

```
    If regularExpression.Test( expression ) Then
```

```
        Validate = True
```

```
    Else
```

```
        Validate = False
```

```
End If

End Function

Public Function ToString()
    ToString = name & Space( 3 ) & age & Space( 3 ) _
        & ssn
End Function

End Class ' Person

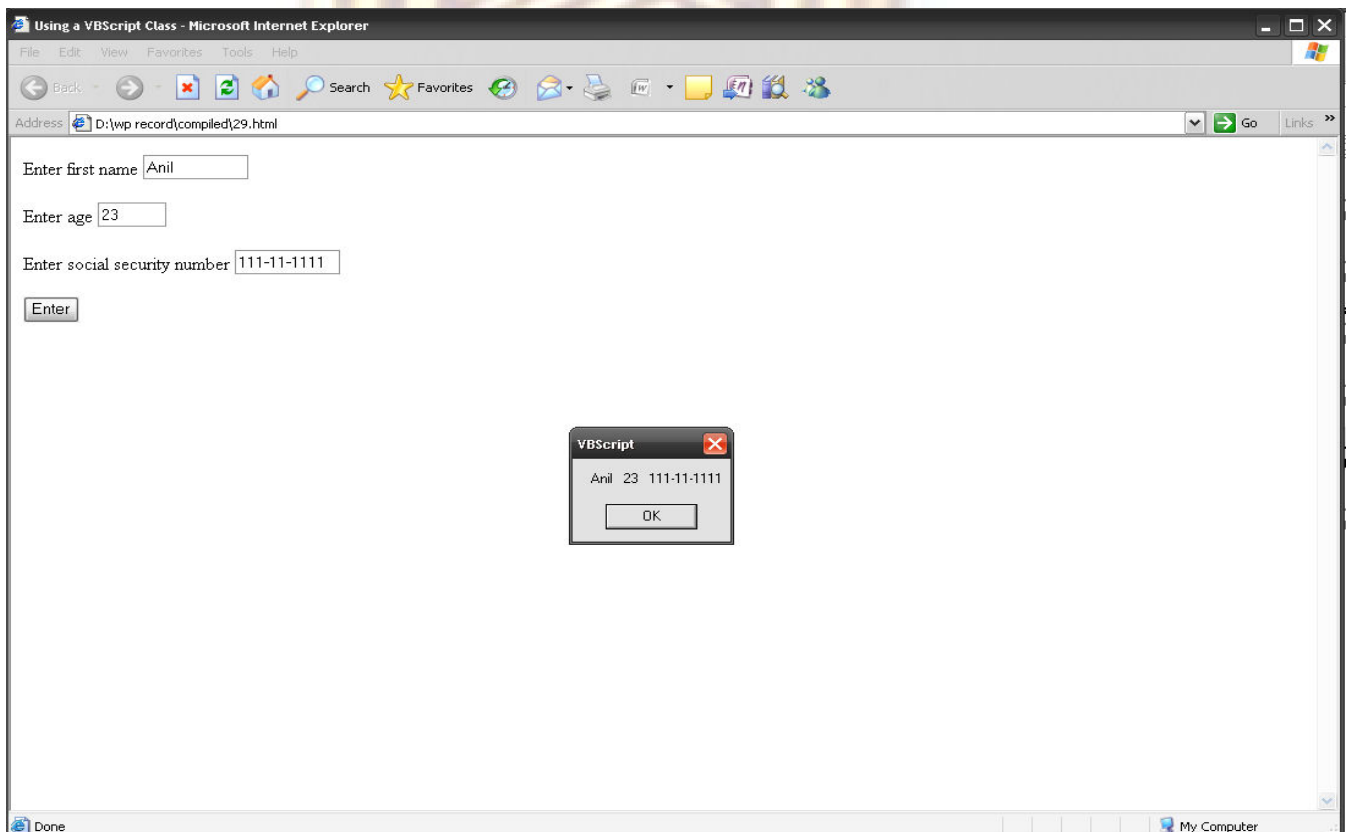
Sub cmdButton_OnClick()
    Dim p          ' Declare object reference
    Set p = New Person ' Instantiate Person object

    With p
        .FirstName = Document.Forms(0).textBox1.Value
        .Age = CInt( Document.Forms(0).textBox2.Value )
        .SocialSecurityNumber = _
            Document.Forms(0).textBox3.Value
        Call MsgBox( .ToString() )
    End With

End Sub

-->
</script>
</head>
```

```
<body>
  <form action = "">Enter first name
    <input type = "text" name = "txtBox1" size = "10" />
    <p>Enter age
    <input type = "text" name = "txtBox2" size = "5" /></p>
    <p>Enter social security number
    <input type = "text" name = "txtBox3" size = "10" />
  </p><p>
    <input type = "button" name = "cmdButton"
      value = "Enter" /></p>
</form>
</body>
</html>
```



30. Write a HTML program to demonstrate the forms by reading the name of the user from the form.

```
<html><head><title>VBScript Class Example</title>
<script type="text/vbscript">
Option Explicit
Class Person      'person has name, age and ssn
Private name, yearsOld, ssn
Public Property Let FirstName(fn)
    name = fn
End Property
Public Property Get FirstName()
    FirstName = name
End Property
Public Property Let Age(a)
    yearsOld = a
End Property
Public Property Get Age ()
    Age = yearsOld
End Property
Public Property Let SocialSecurityNumber(n)
If Validate(n) Then 'calls private method Validate
    ssn = n
Else
    ssn = "000-00-0000"
    Call MsgBox("Invalid Social Security Format")
End If
End Property
Public Property Get SocialSecurityNumber()
```

```
SocialSecurityNumber = ssn
End Property
Private Function Validate (expression)
Dim regularExpression      'uses regular expressions
Set regularExpression = New RegExp  'creates an instance of a reg. exp.
regularExpression.Pattern = "^\\d{3}-\\d{2}-\\d{5}$"
If regularExpression.Test(expression) Then
    Validate = True
Else
    Validate = False
End If
End Function
Public Function ToString( )  'returns output string with values
    ToString = name & Space( 3 ) & age & Space( 3 ) & ssn
End Function
End Class      'ends the definition of the Person class
Sub cmdButton_OnClick()
Dim p          ' declare object reference
Set p = new Person  ' instantiate person object
With p
    .FirstName = Document.Forms(0).textBox1.Value
    .Age = CInt(Document.Forms(0).textBox2.Value)
    .SocialSecurityNumber = Document.Forms(0).textBox3.Value
End With
Call MsgBox(.ToString( ))
End With
End Sub
</script>
</head>
```

```
<body>
```

```
<h3>Example using VBScript Class definitions and Regular Expressions</h3>
```

Enter a value in each field.

Person is defined as a class with Name, Age and Social Security Number.

See the source code for details.

```
<form action = "">Enter first name
```

```
<input type=text name=txtBox1 size=10>
```

```
<p>Enter age
```

```
<input type=text name=txtBox2 size=5></p>
```

```
<p>Enter social security number
```

```
<input type=text name=txtBox3 size=10></p><p>
```

```
<input type=button name=cmdButton value=Enter></p>
```

```
</form><div style="display: block; font-family: Verdana, Geneva, Arial; font-size: 10px">
```

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```
</div>
```

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

Example using VBScript Class definitions and Regular Expressions

Enter a value in each field. Person is defined as a class with Name, Age and Social Security Number. See the source code for details.

Enter first name

Enter age

Enter social security number

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