

1. SQUARE, SQUARE ROOT, CUBE AND COMPLEMENT CALCULATION

Main.html

```
<html>

<frameset rows="20%,80%">

<frame src="top.html">

<frameset cols="20%,80%">

<frame src="left.html">

<frame name="frm">

</frameset></frameset>

</html>
```

top.html

```
<html>

<head>

</head>

<body bgcolor="red">

<h2>SQUARE, SQUARE ROOT, CUBE AND COMPLEMENT CALCULATION</h2>

</body>

</html>
```

Left.html

```
<html>

<body bgcolor="cyan"><br>

<a href="square.html" target="frm"> SQUARE </a><br><br>

<a href="squareroot.html" target="frm"> SQUARE ROOT</a><br><br>

<a href="cube.html" target="frm">CUBE </a><br><br>

<a href="complement.html" target="frm">COMPLEMENT </a><br><br>
```

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

Square.html

```
<html><head><body>  
  
<script type="text/VBScript">  
for i=1 to 100  
    document.write(i&" Square is : "&i^2&"<br>")  
next  
</script></head></body></html>
```

Squareroot.html

```
<html>  
  
<head>  
  
<body>  
  
<script type="text/VBScript">  
for i=1 to 100  
    document.write(" Square Root of "&i&" is : "&sqr(i)&"<br>")  
next  
</script></head></body></html>
```

Cube.html

```
<html><head>  
  
<body>  
  
<script type="text/VBScript">  
for i=1 to 100  
    document.write(" Cube of "&i&" is : "&i^3&"<br>")  
next  
</script></head></body></html>
```

Complement.html

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

```
<body>
```

```
<script type="text/VBScript">
```

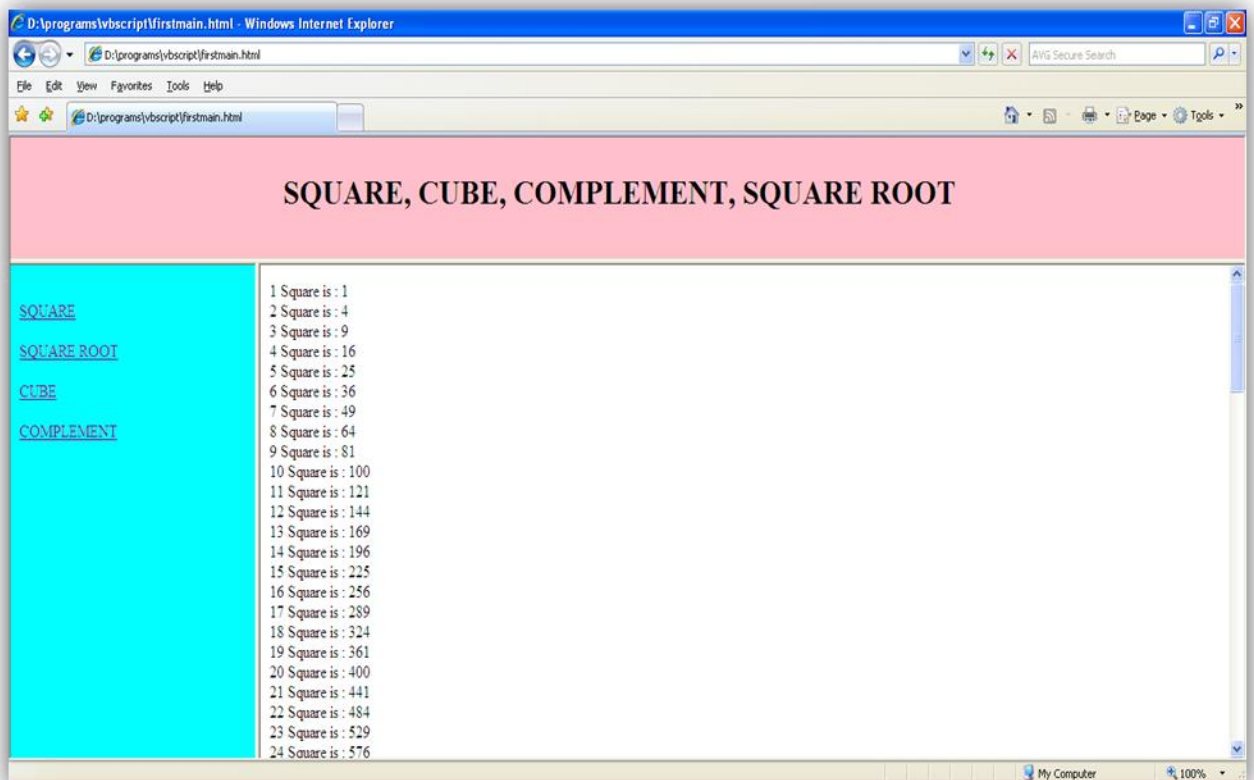
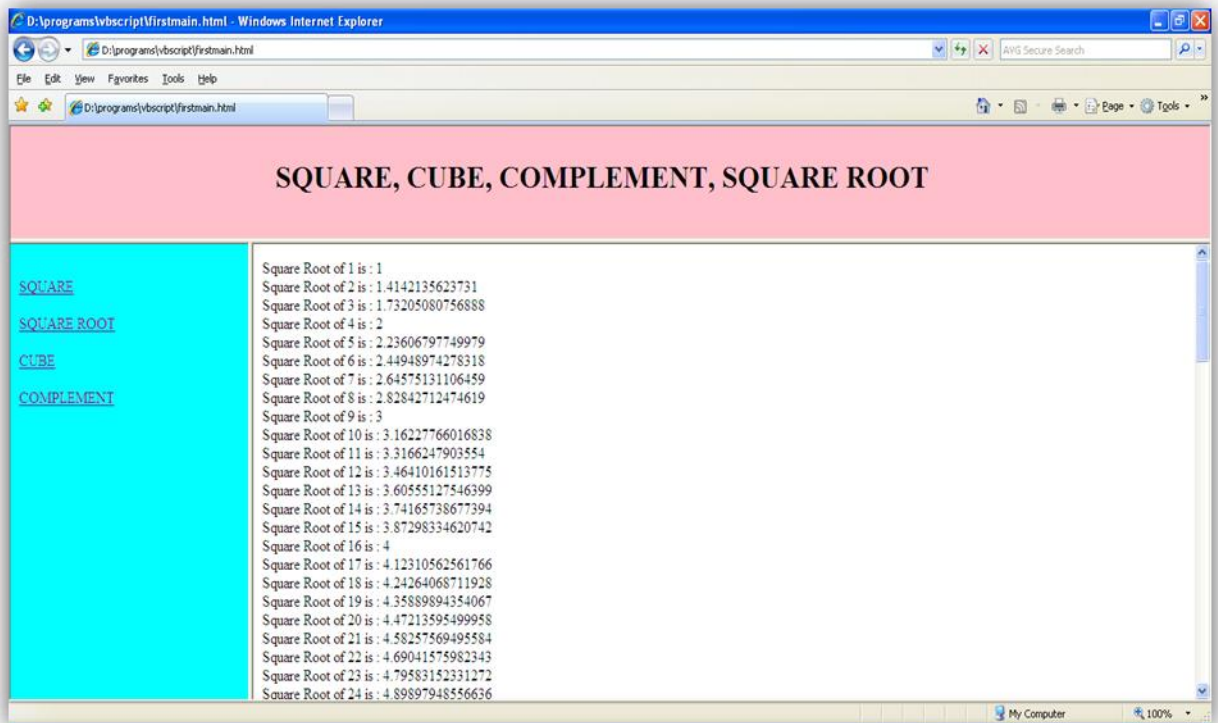
```
for i=1 to 100
```

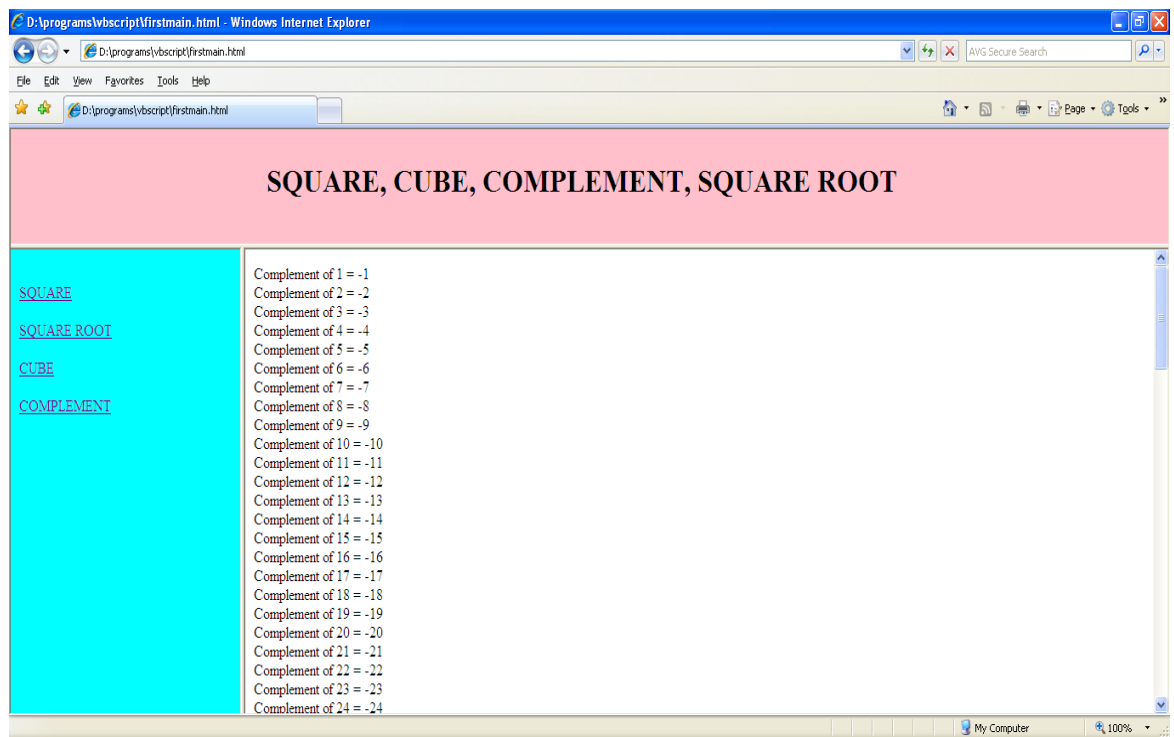
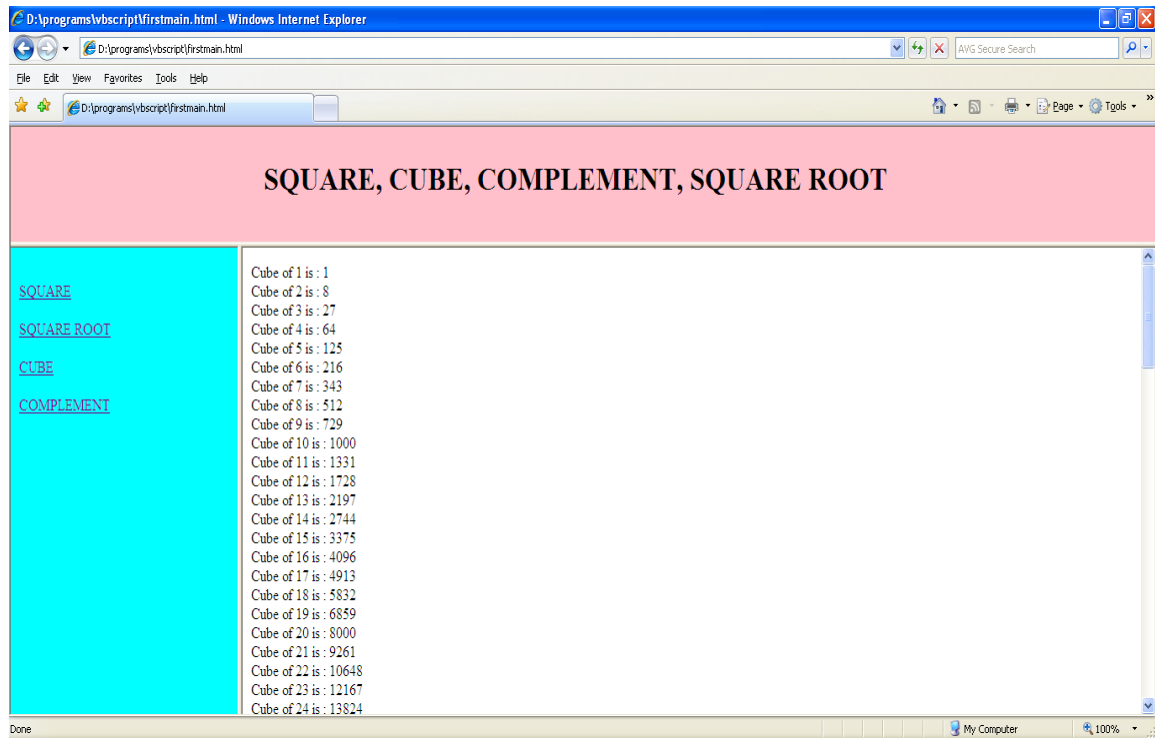
```
    document.write(" Complement of "&i&" = -"&i&"<br>")
```

```
next
```

```
</script></body></head></html>
```

OUTPUT:





2. CALCULATOR

```
<html>
<head>
<script language="JavaScript">
var tmp1,preVal="",op="";
function numClick(value)
{
    tmp1=value;
    f1.t1.value+=tmp1;
}
function process()
{
    switch(op)
    {
        case '+':
            f1.t1.value=parseInt(preVal)+parseInt(f1.t1.value);break;
        case '-':
            f1.t1.value=parseInt(preVal)-parseInt(f1.t1.value);break;
        case '/':
            f1.t1.value=parseInt(preVal)/parseInt(f1.t1.value);break;
        case '*':
            f1.t1.value=parseInt(preVal)*parseInt(f1.t1.value);break;
    }
}
function funPlus()
{
    preVal=f1.t1.value;
```

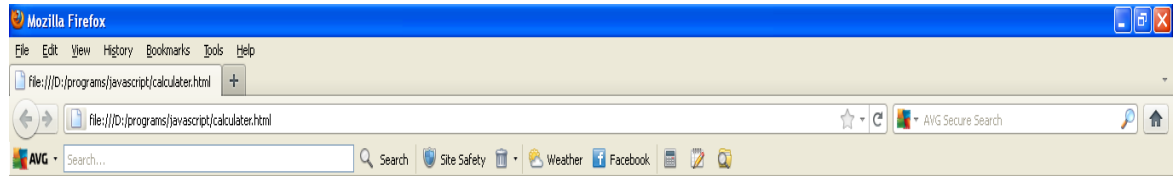
```
        op="+";
        f1.t1.value="";
    }
function funMinus()
{
    preVal=f1.t1.value;
    op="-";
    f1.t1.value="";
}
function funDiv()
{
    preVal=f1.t1.value;
    op="/";
    f1.t1.value="";
}
function funMul()
{
    preVal=f1.t1.value;
    op="*";
    f1.t1.value="";
}
function funDot()
{
    f1.t1.value=f1.t1.value+f1.bdot.value;
}
</script>
</head><body >
```

```

<form name="f1"><br>
<center><h2>CALCULATOR</h2><br>
<input type="text" name="t1"><br>
<table border="4"cellspacing="2"><b>
<tr></tr><tr></tr>
<tr><td><input type="button" name="b1" Value=" 1 " OnClick="numClick(1);"></td>
<td><input type="button" name="b2" Value=" 2 " OnClick="numClick(2);"></td>
<td><input type="button" name="b3" Value=" 3 " OnClick="numClick(3);"></td>
<td><input type="button" name="b4" Value=" 4 " OnClick="numClick(4);"></td>
</tr>
<tr><td><input type="button" name="b5" Value=" 5 " OnClick="numClick(5);"></td>
<td><input type="button" name="b6" Value=" 6 " OnClick="numClick(6);"></td>
<td><input type="button" name="b7" Value=" 7 " OnClick="numClick(7);"></td>
<td><input type="button" name="b8" Value=" 8 " OnClick="numClick(8);"></td>
</tr>
<tr><td><input type="button" name="b9" Value=" 9 " OnClick="numClick(9);"></td>
<td><input type="button" name="b" Value=" 0 " OnClick="numClick(0);"></td>
<td><input type="button" name="bDot" Value=" . " OnClick="numClick(.);"></td>
<td><input type="button" name="bPlus" Value=" + " OnClick="funPlus();"></td>
</tr>
<tr><td><input type="button" name="bMinus" Value=" - " OnClick="funMinus();"></td>
<td><input type="button" name="bMulti" Value=" * " OnClick="funMul();"></td>
<td><input type="button" name="bDiv" Value=" / " OnClick="funDiv();"></td>
<td><input type="button" name="bEqual" Value=" = " OnClick="process();"></td>
</tr></b></center>
</table></form></body></html>

```


OUTPUT:



CALCULATOR



3. SORTING NUMBERS AND STRINGS

```
<html>

<head>

<script language="JavaScript">

var i;

var num=new Array(5);

var name=new Array(5);

function numSort()

{

    for(i=0;i<5;i++)

    {

        num[i]=prompt("Enter number "+i,"");

        if(num[i]<10)

            num[i]="0"+num[i];

    }

    num.sort();

    document.write("<h2>SORTING ARRAYS OF NUMBERS</h2><br><br>");

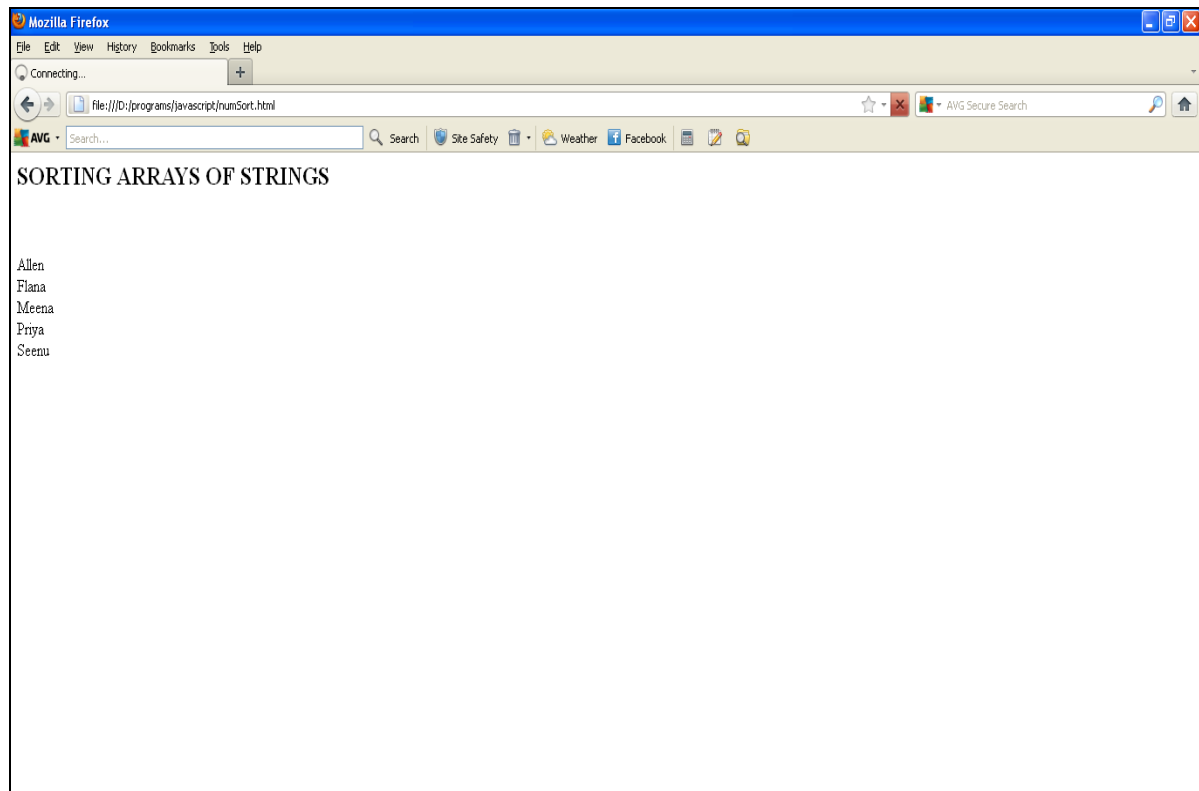
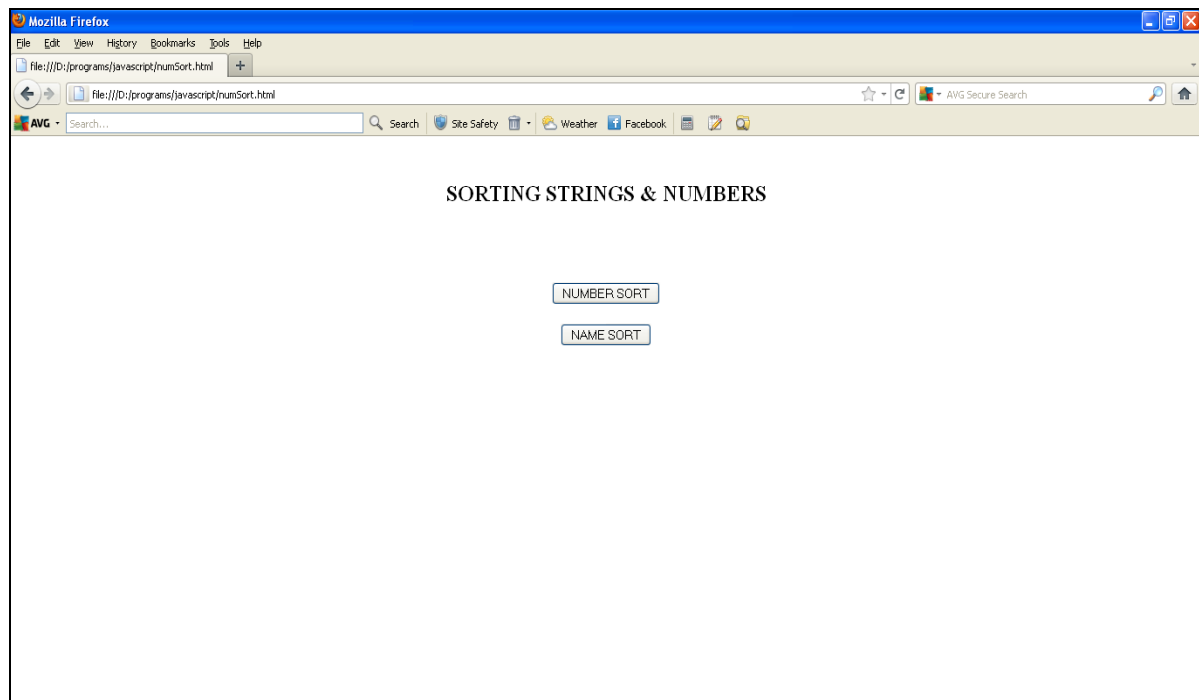
    for(i=0;i<num.length;i++)

        document.write(num[i]+"<br>");

}
```

```
function nameSort()
{
    for(i=0;i<5;i++)
        name[i]=prompt("Enter Name "+i,"");
    name.sort();
    document.writeln("<h2>SORTING ARRAYS OF STRINGS</h2><br><br>");
    for(i=0;i<name.length;i++)
        document.write(name[i]+"<br>");
}
</script>
</head>
<body ><br>
<form name="f1"><center><h2>SORTING STRINGS & NUMBERS</h2><br>
<br><br><input type="button" Value="NUMBER SORT" OnClick="numSort();">
<br><br><input type="button" Value="NAME SORT" OnClick="nameSort();">
</center>
</form>
</body>
</html>
```

OUTPUT:



4. HIT COUNTER

```
<html>

<script language="JavaScript">

var console=null;

var n=0;

function debug(msg)
{
    if((console==null)||(console.closed))
    {
        console=window.open("", "console", "width=500,height=300,resizable");
        console.document.open("text/plain");
    }
    console.document.writeln(msg+"<br>");
}

</script>

<body bgcolor="pink">

<center><h2>HIT COUNTER </h2>

<br>

<br>

<form>

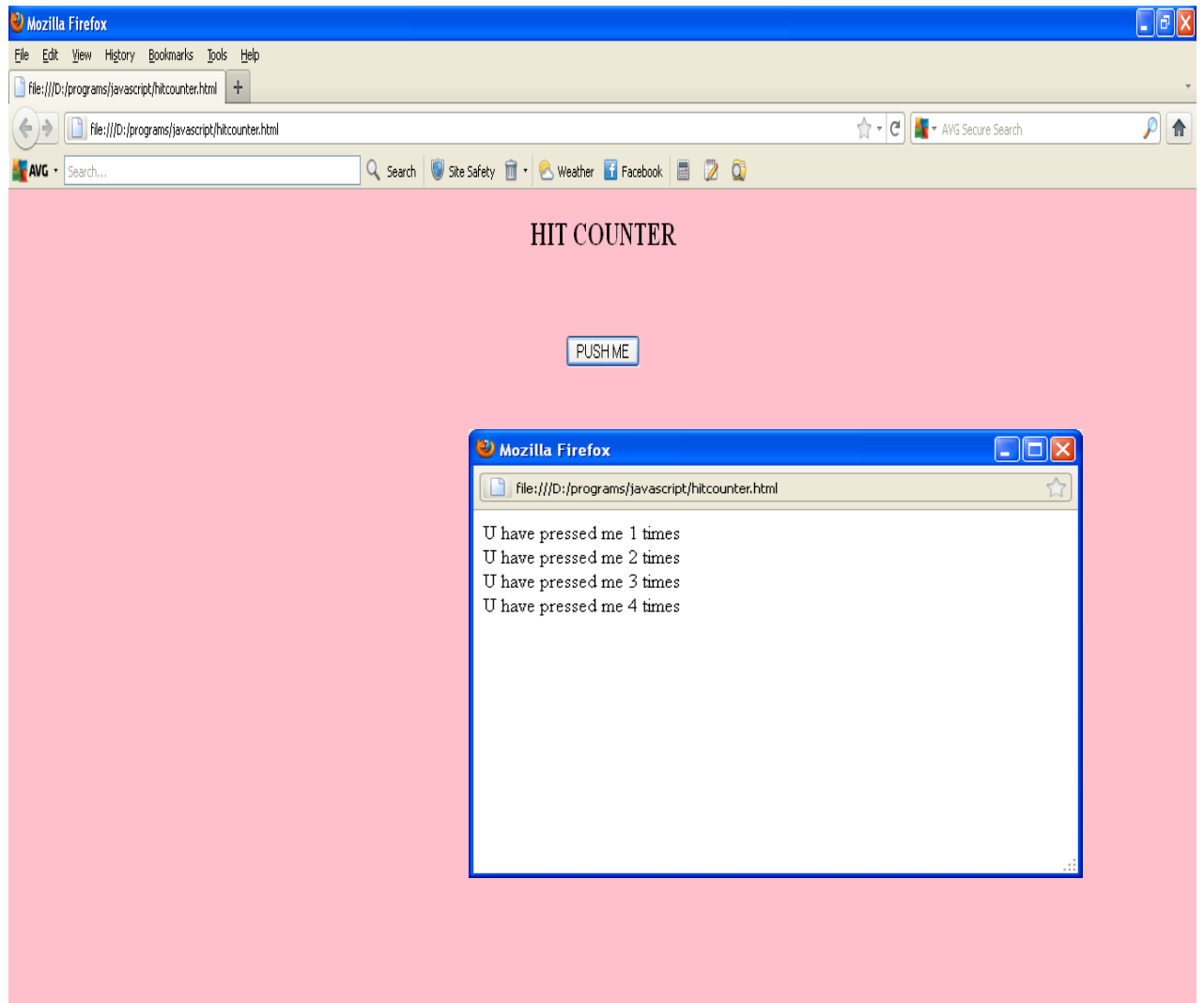
<input type="button" value="PUSH ME" onClick="debug('U have pressed me ' + ++n +
times');">

</center>

</form></body>

</html>
```

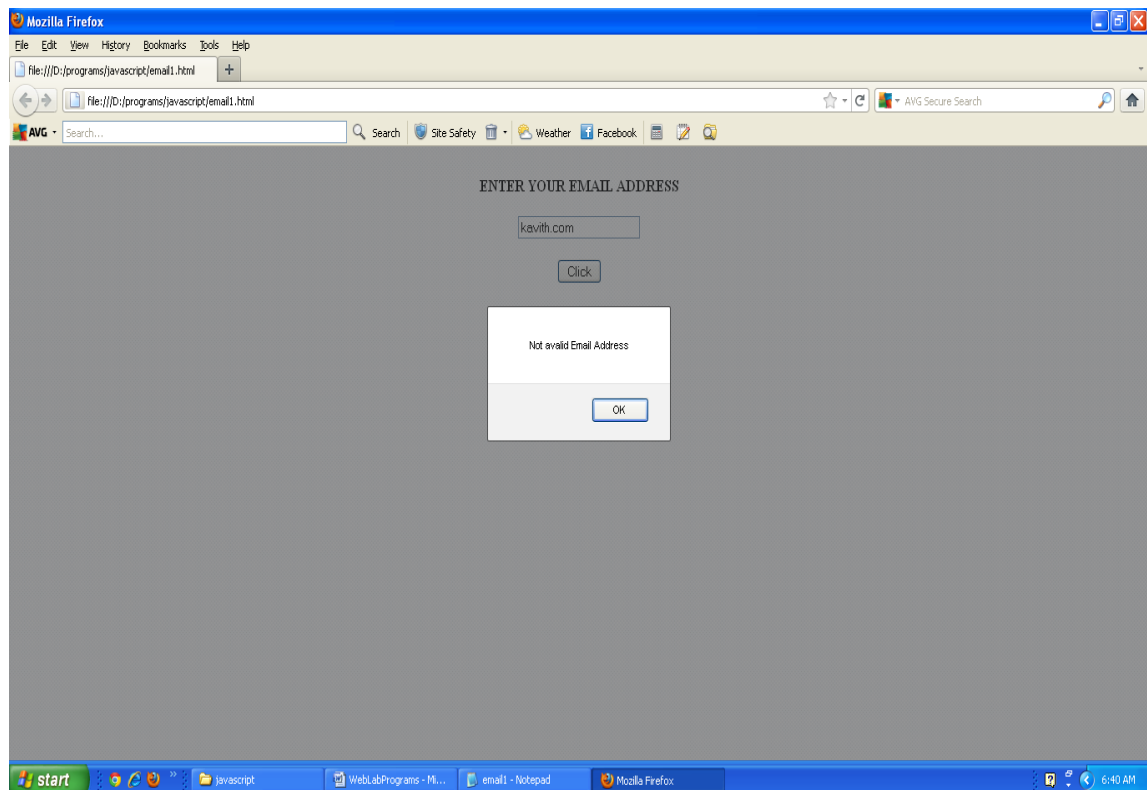
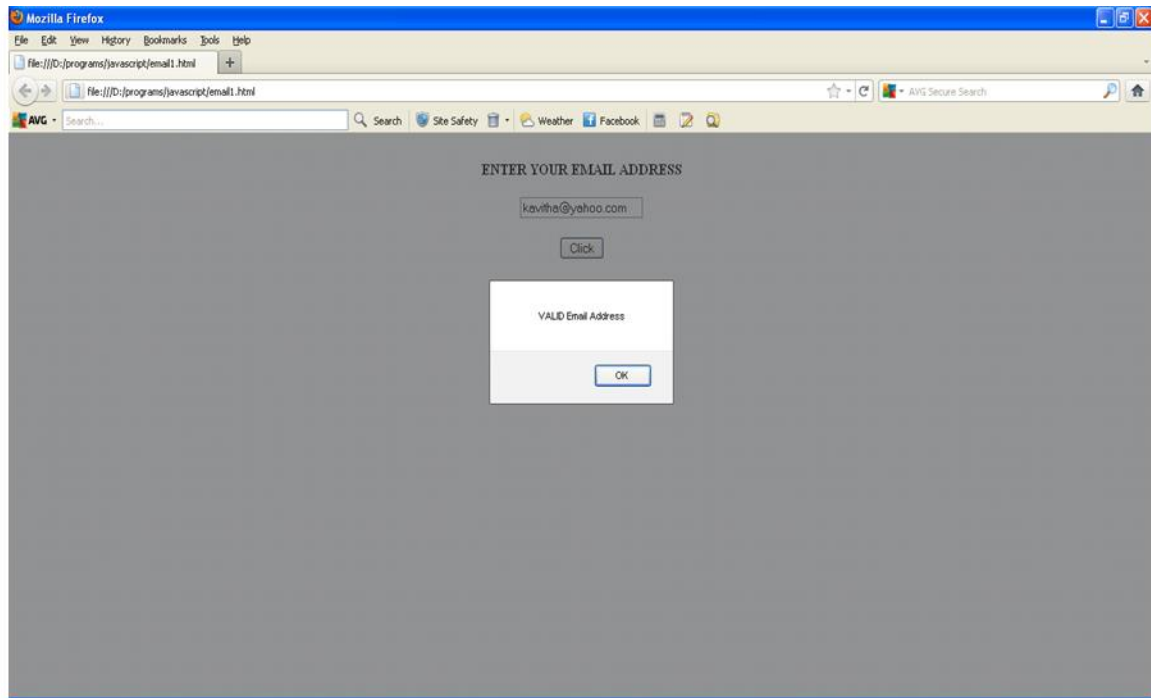
OUTPUT:



5. E-MAIL CHECKING

```
<html>
<body ><center>
<form name="f1"><br><b>
ENTER YOUR EMAIL ADDRESS</b><br><br>
<input type="text" name="txtEmail"><br><br>
<input type="button" name="btnEmail" Value="Click" OnClick="checkEmail();">
</center>
</form>
<script language="JavaScript">
function checkEmail()
{
email=f1.txtEmail.value;
atPos=email.indexOf("@");
stopPos=email.lastIndexOf(".");
if((email=="")||(atPos===-1)||(stopPos===-1)||(stopPos<atPos)||(stopPos-atPos===1))
    alert("Not avalid Email Address");
else
    alert("VALID Email Address");
}
</script>
</body>
</html>
```

OUTPUT:



6(a) LOADING A FILE USING MOUSE OVER EVENT

```
<html>

<head>

<title>interactive web page</title>

<script language="JavaScript">

function link()

{

win=window.open("login.html");

}

</script>

</head>

<body>

<h2>loading page</h2>

<A href="login.html" onMouseOver="link()">

Moves the mouse here----</A>

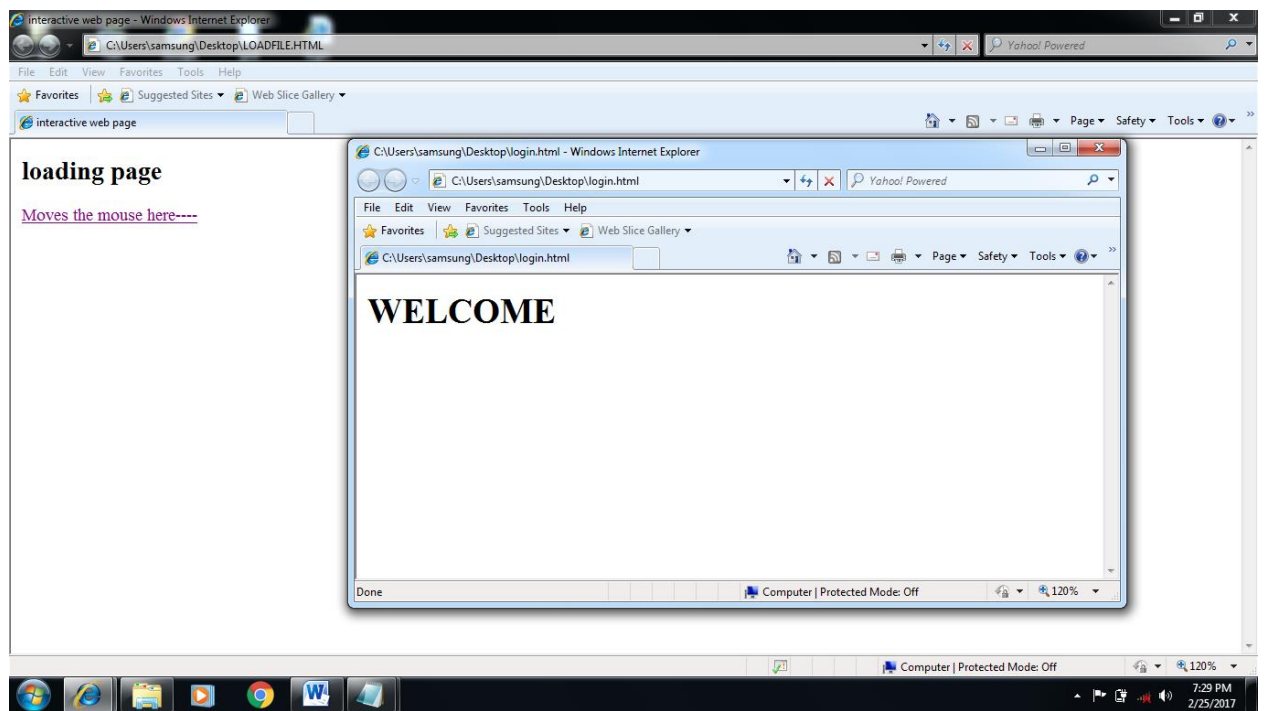
</body>

</html>
```

login.html

```
<html>
<head>
</head>
<body>
<h2>welcome</h2>
</body>
</html>
```

OUTPUT:



6(b) UNLOADING FILE USING SETTIMEOUT

```
<html>

<head>

<script language="JavaScript">

function timer()

{

a=window.open("login.html","displaywindow","width=400,height=400,status=no,
toolbar=no");
setTimeout("closewin()", "6000");
}

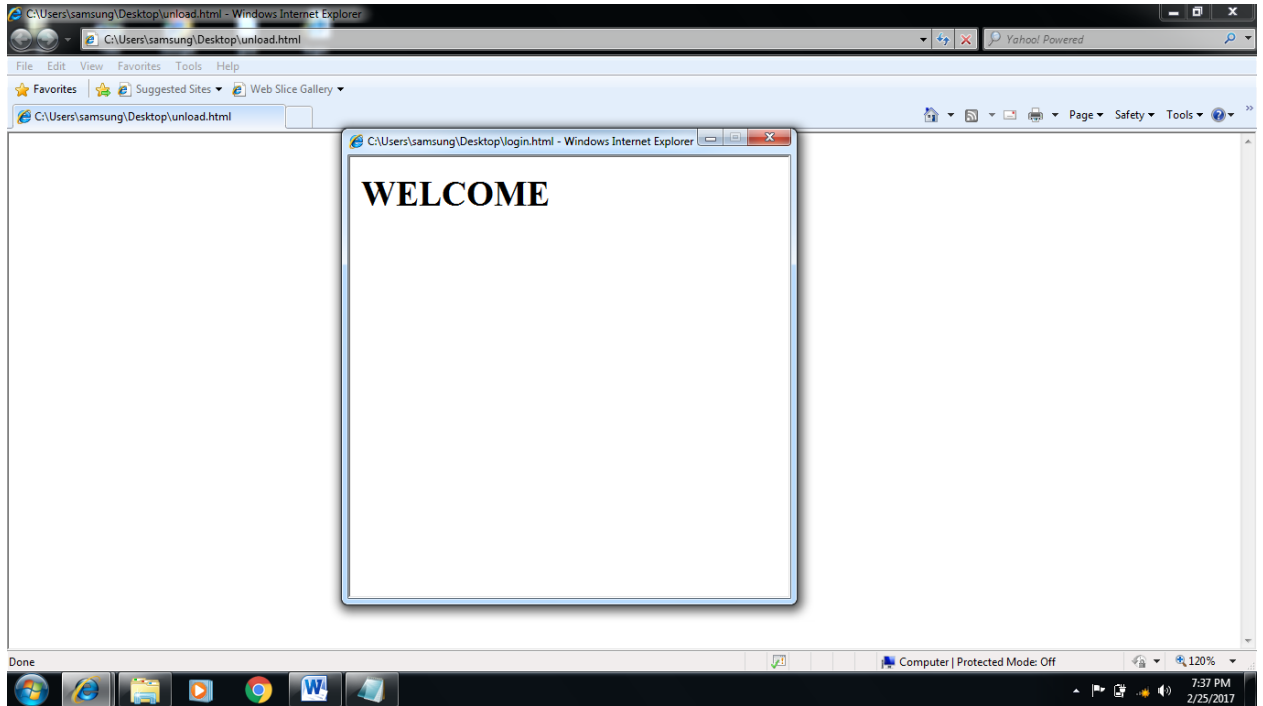
function closewin()
{
a.close();
}

</script>
</head>
<body>
<script language="JavaScript">
timer();
</script>
</body>
</html>
```

login.html

```
<html>
<head>
</head>
<body>
<h2>welcome</h2>
</body>
</html>
```

OUTPUT:



7. MULTIPLE CHOICE LIST

```
<html><head>

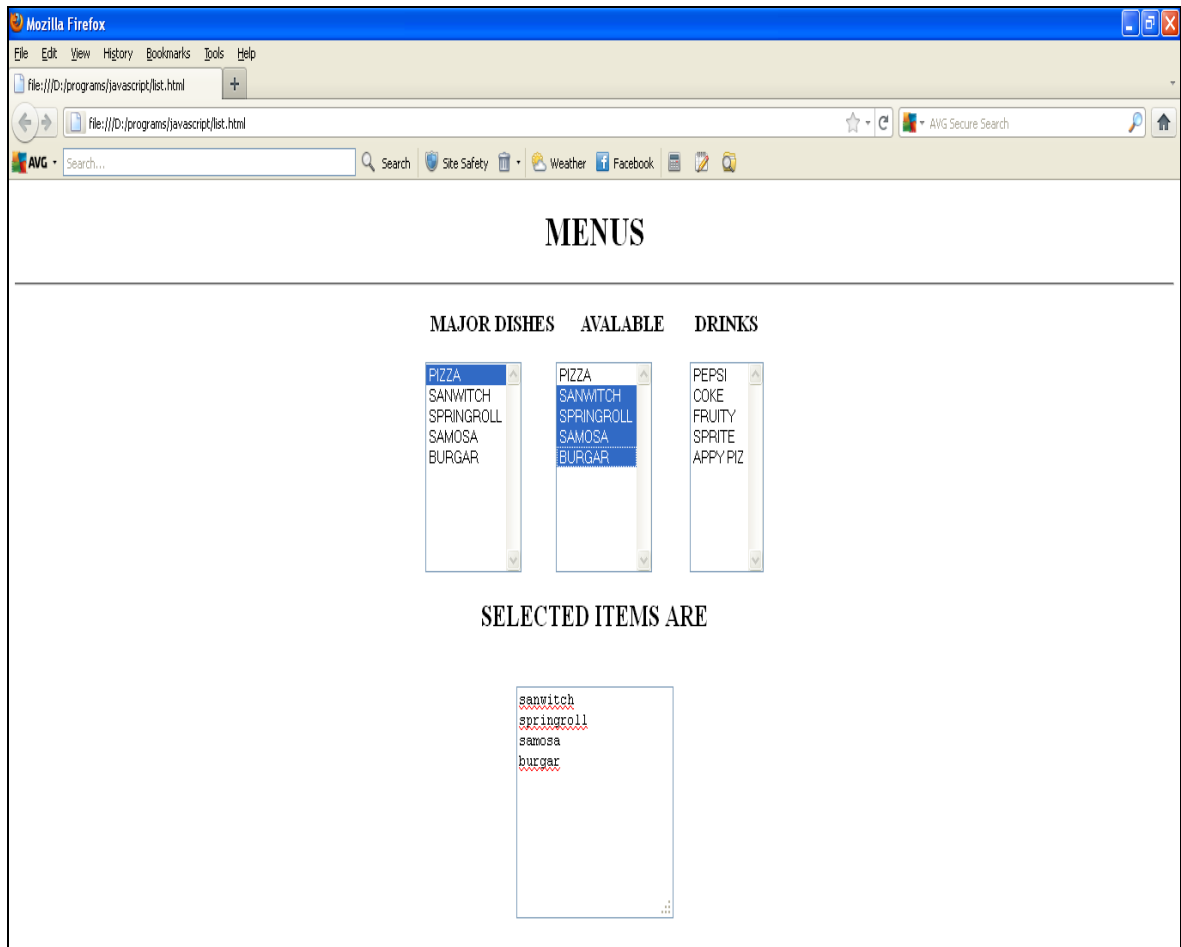
<script language="JavaScript">

function mainList()
{
    var colors="";
    var n=frmdishes.majorDish.length;
    for(i=0;i<n;i++)
    {
        if(frmdishes.majorDish.options[i].selected)
            colors+=frmdishes.majorDish.options[i].value + "\n";
    }
    frmdishes.txtlist.value=colors;
}

function stockList()
{
    var colors1="";
    var n=frmdishes.stockDish.length;
    for(i=0;i<n;i++)
    {
        if(frmdishes.stockDish.options[i].selected)
            colors1+=frmdishes.stockDish.options[i].value + "\n";
    }
    frmdishes.txtlist.value=colors1;
}
```

[illegible]

OUTPUT:



8. DIGITAL CLOCK

```
<html>

<head>

<script language="JavaScript">

function ourClock()

{

    var now=new Date();

    var hours=now.getHours();

    var minutes=now.getMinutes();

    var seconds=now.getSeconds();

    var meridian="AM";

    var time="";

    if(hours>=12)

    {

        meridian="PM";

        hours=hours-12;

    }

    if(hours==0)

        hours=12;

    if(hours<10)

        hours="0"+hours;

    if(minutes<10)

        minutes="0"+minutes;
```

```

if(seconds<10)

    seconds="0"+seconds;

    time+=hours+":"+minutes+": "+seconds+" "+meridian;

    frm1.txtclock.value=time;

}

</script>

</head>

<body bgcolor="pink" onLoad="ourClock();">

<form name="frm1">

<center><h2> DIGITAL CLOCK</h2><br><b>NOW THE TIME IS:<b><br><br>

<table cellpadding="12" border="5">

<tr><td bgcolor="black"><input type="text" name="txtclock" size=15"></td></tr></table>

</center>

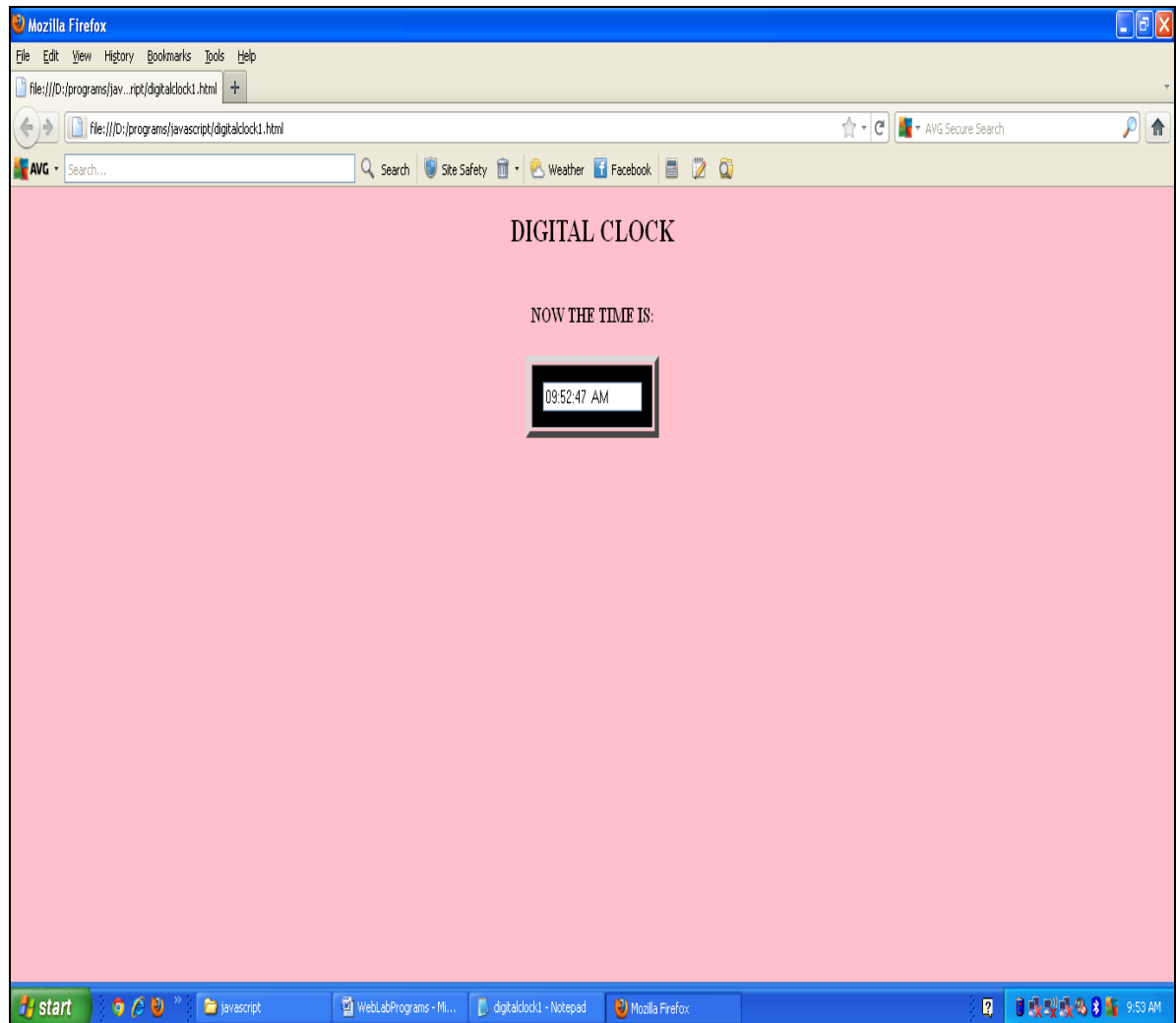
</form>

</body>

</html>

```

OUTPUT:



9. MOUSE EVENTS

```
<html>

<head>

<title>MOUSE OVER LINK</title>

<script language="JavaScript">

function mouseOverImage()
{
    document.getElementById("img1").src="flower.jpg";
}

function mouseOutImage()
{
    document.getElementById("img1").src="rose.jpg";
}

function mouseDownImage()
{
    document.getElementById("img1").src="flower1.jpg";
}

</script>

</head>

<body>

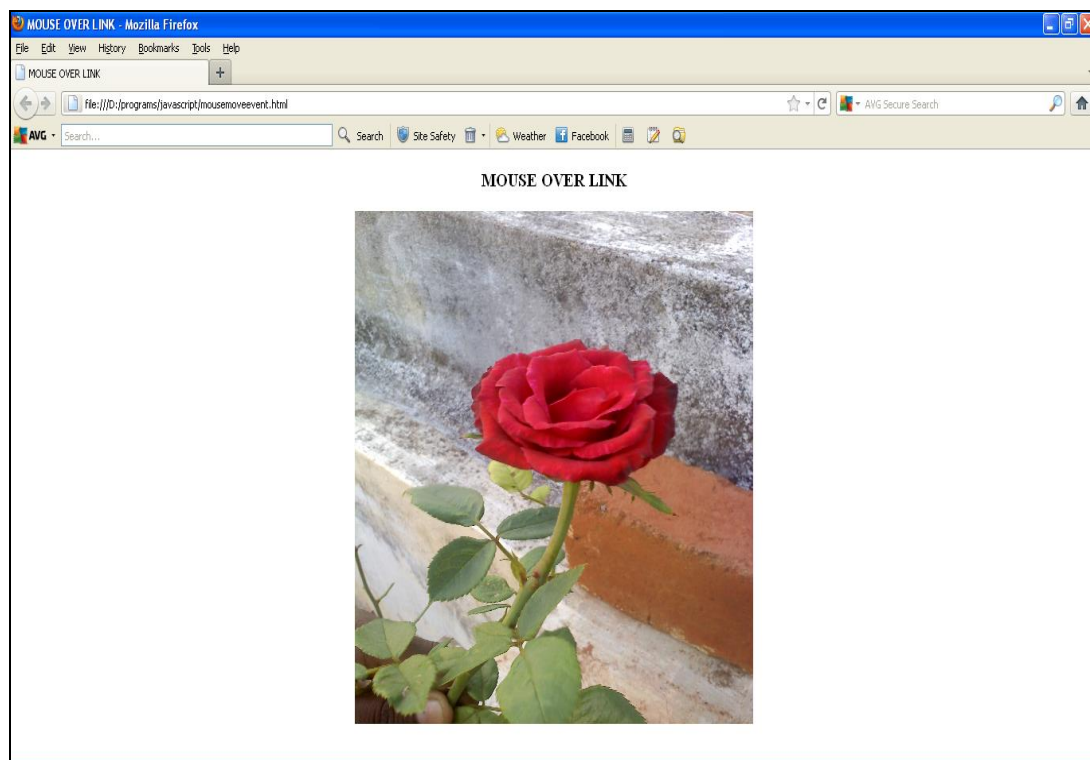
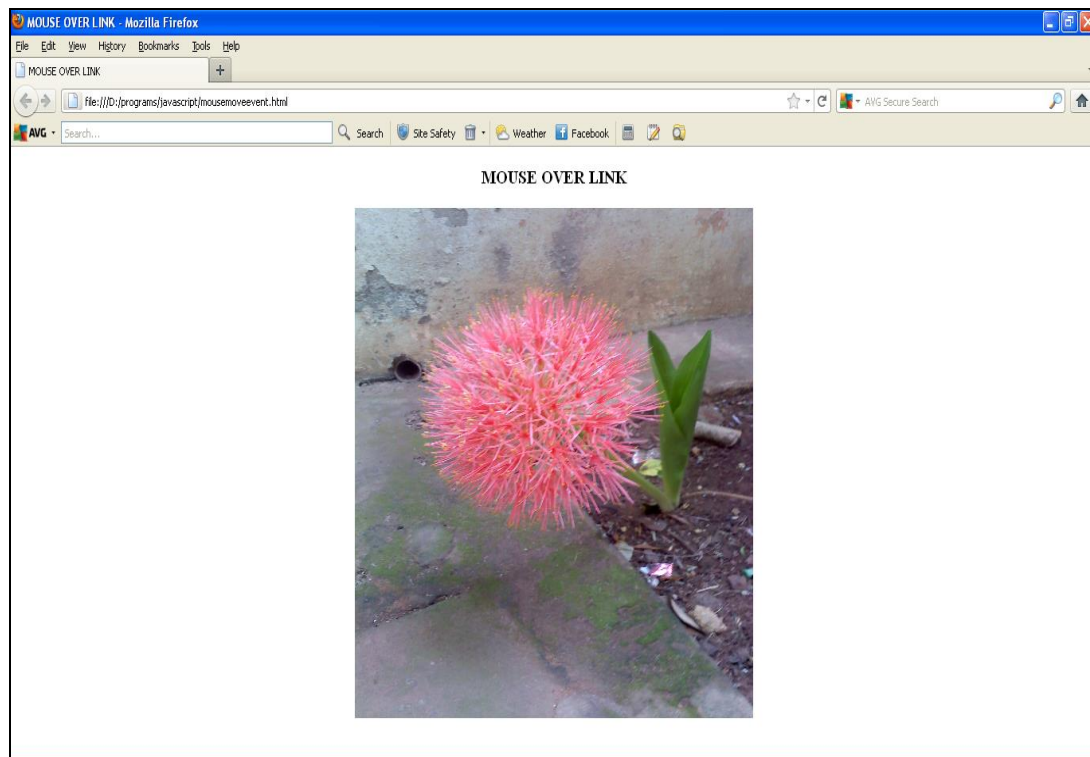
<center><h3>MOUSE OVER LINK</h3>



</center></body>

</html>
```

OUTPUT:

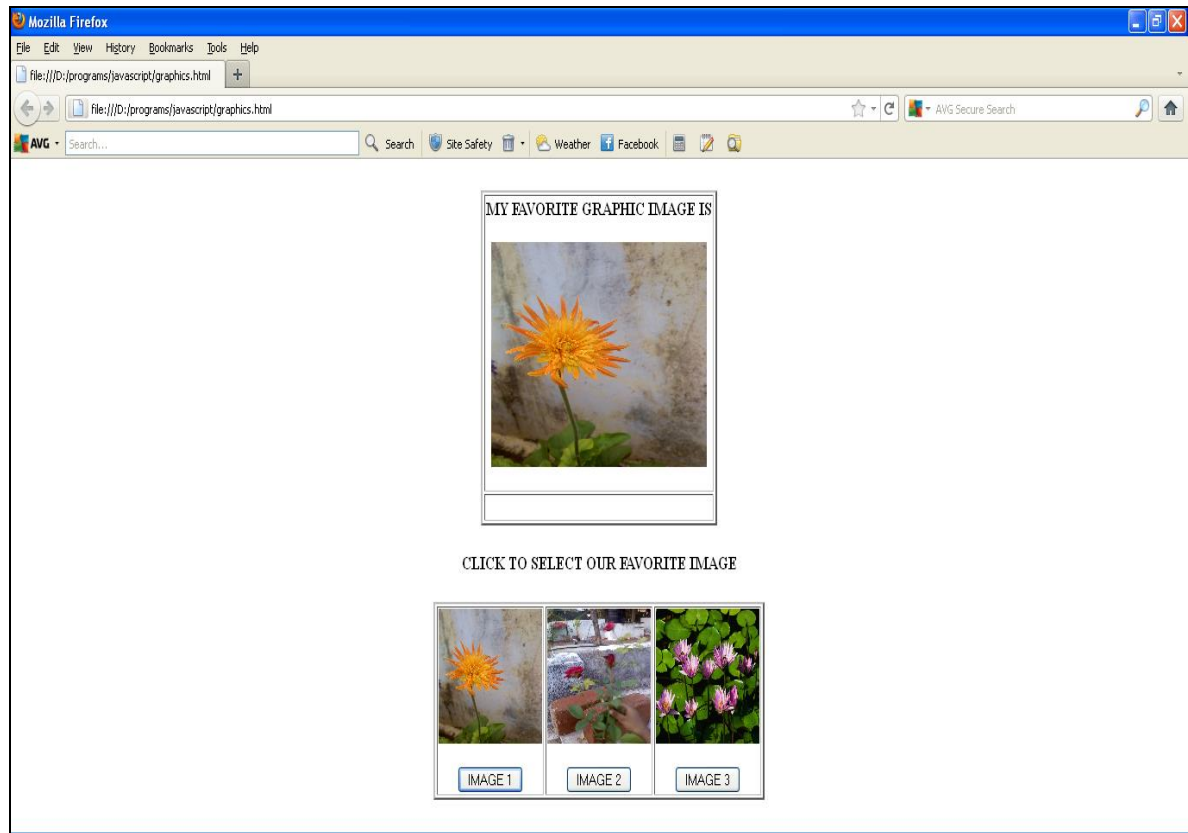


10.IMAGE FILE USING THREE BUTTONS

```
<html>
<body>
<script language="JavaScript">
function picture1()
{
    document.myFavorite.src="flower1.jpg";
}
function picture2()
{
    document.myFavorite.src="img1.jpg";
}
function picture3()
{
    document.myFavorite.src="lilly.jpg";
}
</script>
<form><br>
<table border="2" align="center">
<tr><td align="center">
<a><b>MY FAVORITE GRAPHIC IMAGE IS<b></a><br><br>
<br><br></td></tr>
<tr><td>&nbsp;</td></tr>
</table><br>
<table align="center">
<tr><td><b>CLICK TO SELECT OUR FAVORITE IMAGE</b></td><tr>
```

```
</table>
<table border="2" align="center">
<tr><td align="center">
<br><br>
<input type="button" value="IMAGE 1" onClick="picture1();">
</input>
</td>
<td align="center">
<br><br>
<input type="button" value="IMAGE 2" onClick="picture2();">
</input>
</td>
<td align="center">
<br><br>
<input type="button" value="IMAGE 3" onClick="picture3();">
</input>
</td><br>
</table>
</body></html>
```

OUTPUT:



11. FRAMESET WITH RADIO BUTTONS

```
<html>
<frameset cols="30%,70%">
<frame src="options.html">
<frame name="display" >
</frameset>
</html>
```

```
<html>
<script language="JavaScript">
function RDOOne(e)
{
    parent.display.location.href="yahoo.html";
}
function RDOTwo(e)
{
    parent.display.location.href="altavista.html";
}
function RDOThree(e)
{
    parent.display.location.href="infoseek.html";
}
</script>
<body>
```

```
<form><input type="radio" name="myGruop" value="1" OnClick=" return RDOOne();"
target="display">
```

```
Yahoo(http://yahoo.com)</input><br>
```

```
<input type="radio" name="myGruop" value="2" OnClick="return RDOTwo(event);"
target="display">
```

```
Altavista(http://altavista.com)</input><br>
```

```
<input type="radio" name="myGruop" value="3" OnClick="return RDOThree(event);"
target="display">
```

```
Infoseek(http://infoseek.com)</input><br>
```

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

```
<html>
```

```
<script language="JavaScript">
```

```
function test()
```

```
{
```

```
    document.write("<h1>WELOME TO YAHOO<br></h1>http://www.Yahoo.com");
```

```
}
```

```
</script>
```

```
<body onLoad="test();">
```

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

```
<html>
```

```
<script language="JavaScript">
```

```
function test()
```

```
{
```

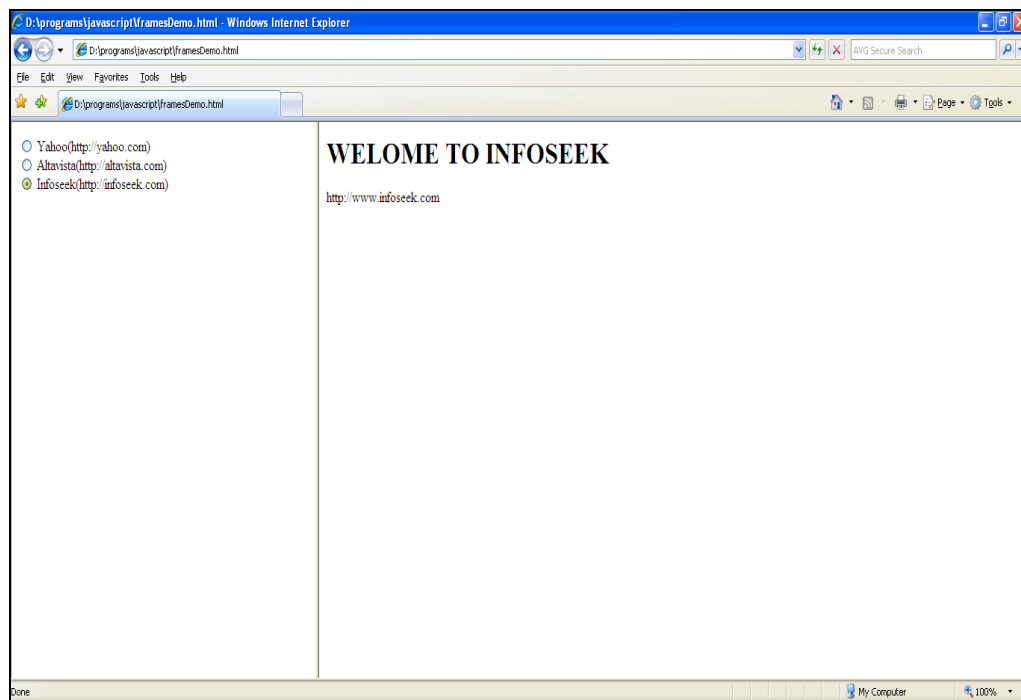
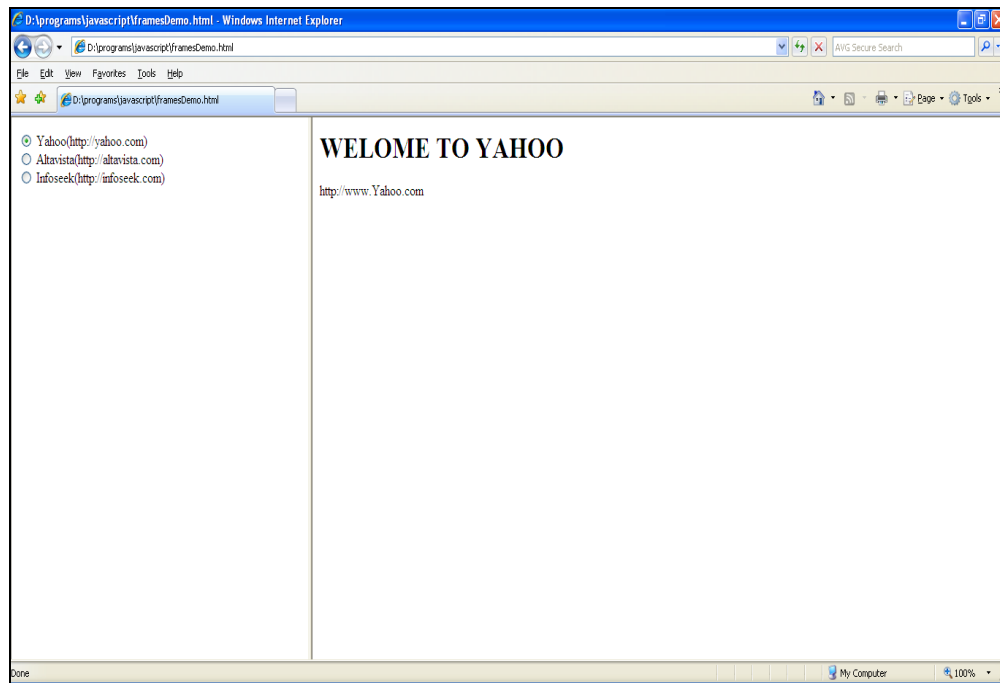
```
    document.write("<h1>WELOME TO
INFOSEEK<br></h1>http://www.infoseek.com");
```

```
}
```

```
</script>
<body onLoad="test();">
</body></html>
```

```
<html>
<script language="JavaScript">
function test()
{
document.write("<h1>WELCOME TO ALTAVISTA<br></h1>http://www.altavista.com");
}
</script>
<body onload="test();">
</body>
</html>
```

OUTPUT:



12. EMPLOYEE DATABASE VALIDATION

<html>

<head>

<title> payroll</title>

```
<script language="JavaScript">
```

function pay() $\{$

```
gp.value=parseInt(basic.value)+parseInt(hra.value)+parseInt(da.valu
e);
```

```
net.value=parseInt(gp.value)-parseInt(pf.value);
```

}

</script>

<body>

NET SOFT TECHNOLOGY

EMPLOYEE VALIDATION

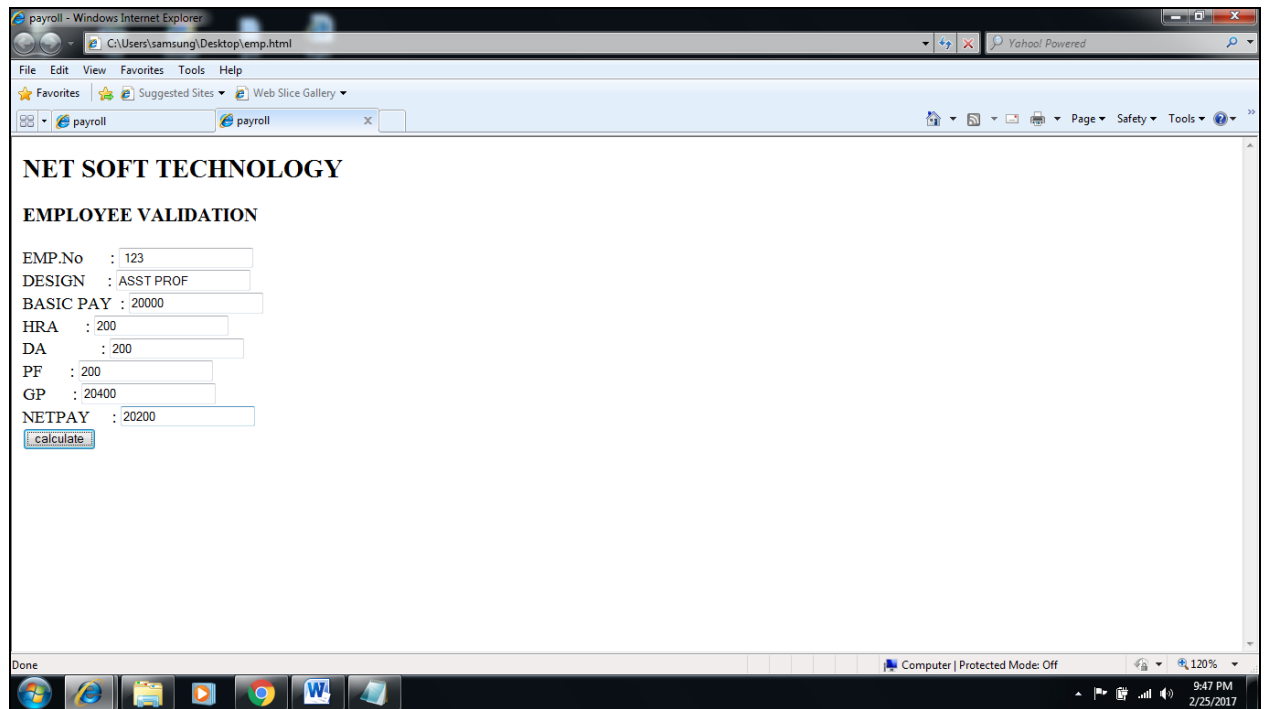
EMP.No

DESIGN

BASIC PAY

[illegible]

OUTPUT:



The screenshot shows a Windows Internet Explorer browser window displaying a web page titled "payroll - Windows Internet Explorer". The address bar shows the file path "C:\Users\samsung\Desktop\emp.html". The page content includes the title "NET SOFT TECHNOLOGY" and a section "EMPLOYEE VALIDATION". Below this, there are several input fields for employee details and calculations, each preceded by a colon and a label. The fields are: EMP.No (123), DESIGN (ASST PROF), BASIC PAY (20000), HRA (200), DA (200), PF (200), GP (20400), and NETPAY (20200). A "calculate" button is located at the bottom of the form. The browser's status bar at the bottom shows "Done", "Computer | Protected Mode: Off", and the system clock "9:47 PM 2/25/2017".

NET SOFT TECHNOLOGY

EMPLOYEE VALIDATION

EMP.No : 123

DESIGN : ASST PROF

BASIC PAY : 20000

HRA : 200

DA : 200

PF : 200

GP : 20400

NETPAY : 20200

ASP.NET

ASP.NET

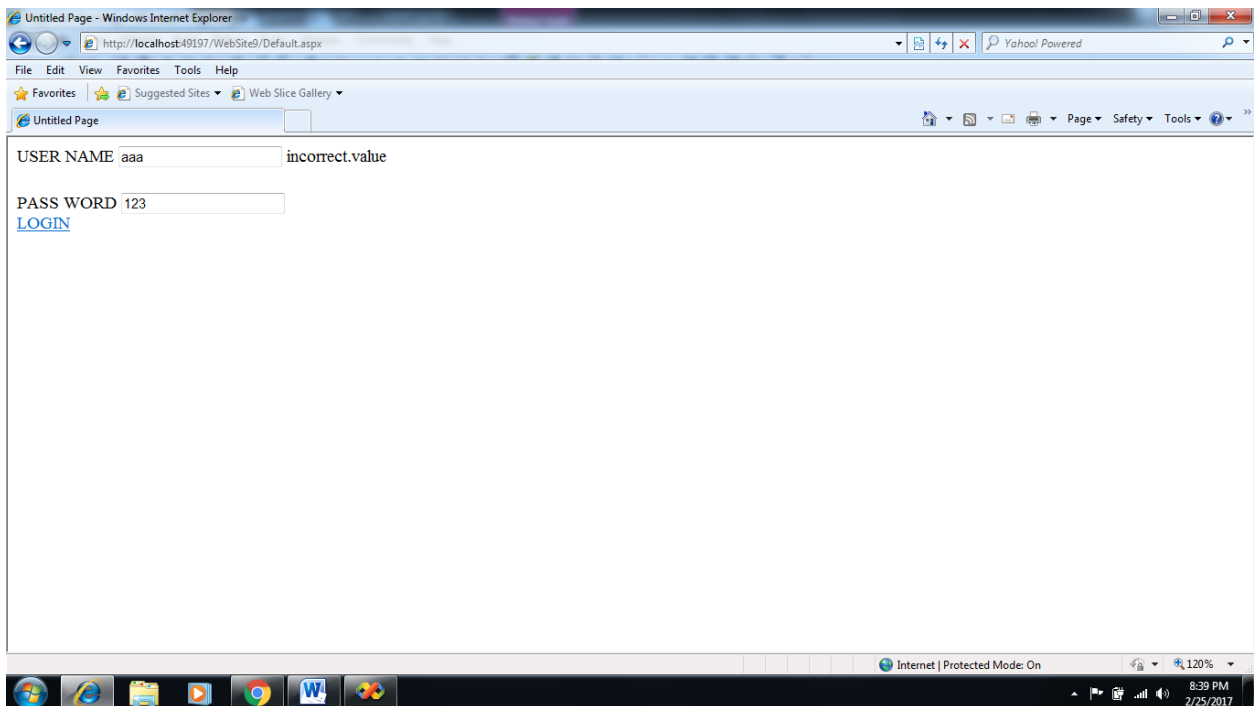
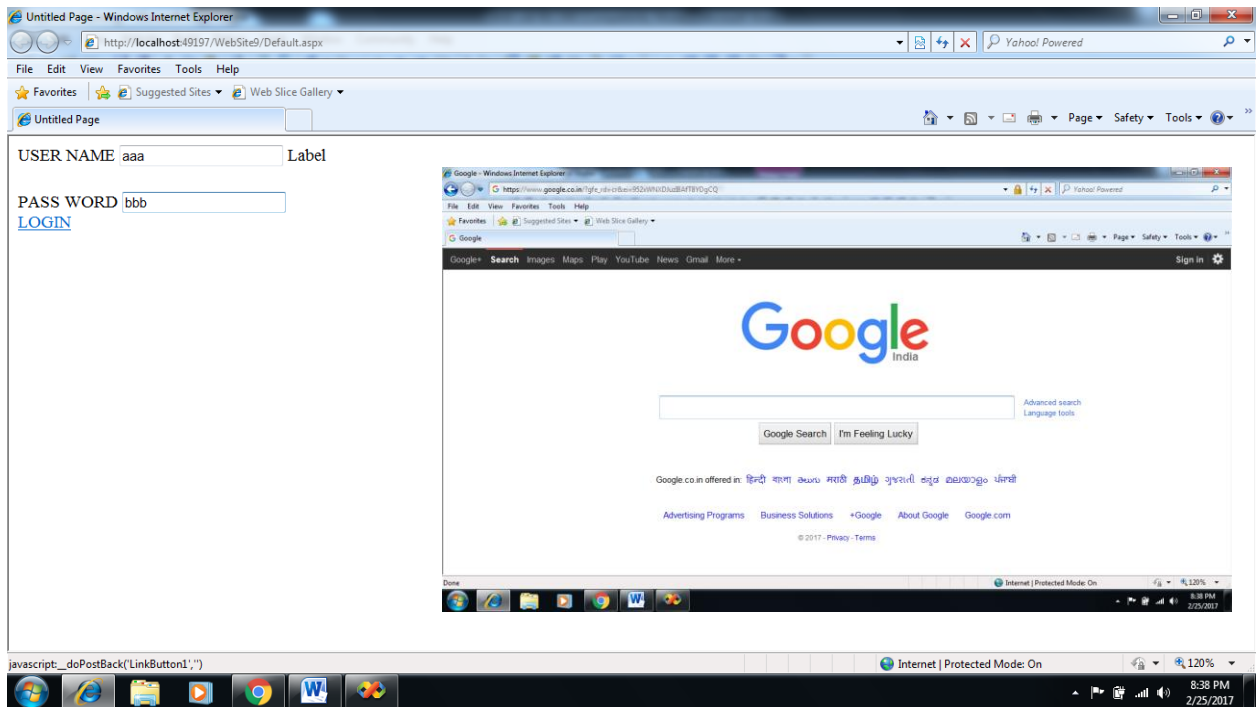
1.LOGIN FORM

```
Partial Class _Default
    Inherits System.Web.UI.Page

    Protected Sub LinkButton1_Click(ByVal sender As Object,
    ByVal e As System.EventArgs) Handles LinkButton1.Click
    If (TextBox1.Text = "aaa") And (TextBox2.Text = "bbb")
    Then
        Response.Redirect("https://www.google.com")
        MsgBox("WELCOME TO GOOGLE")
    Else
        Label3.Text = "incorrect.value"
    End If
End Sub

End Class
```

OUTPUT:



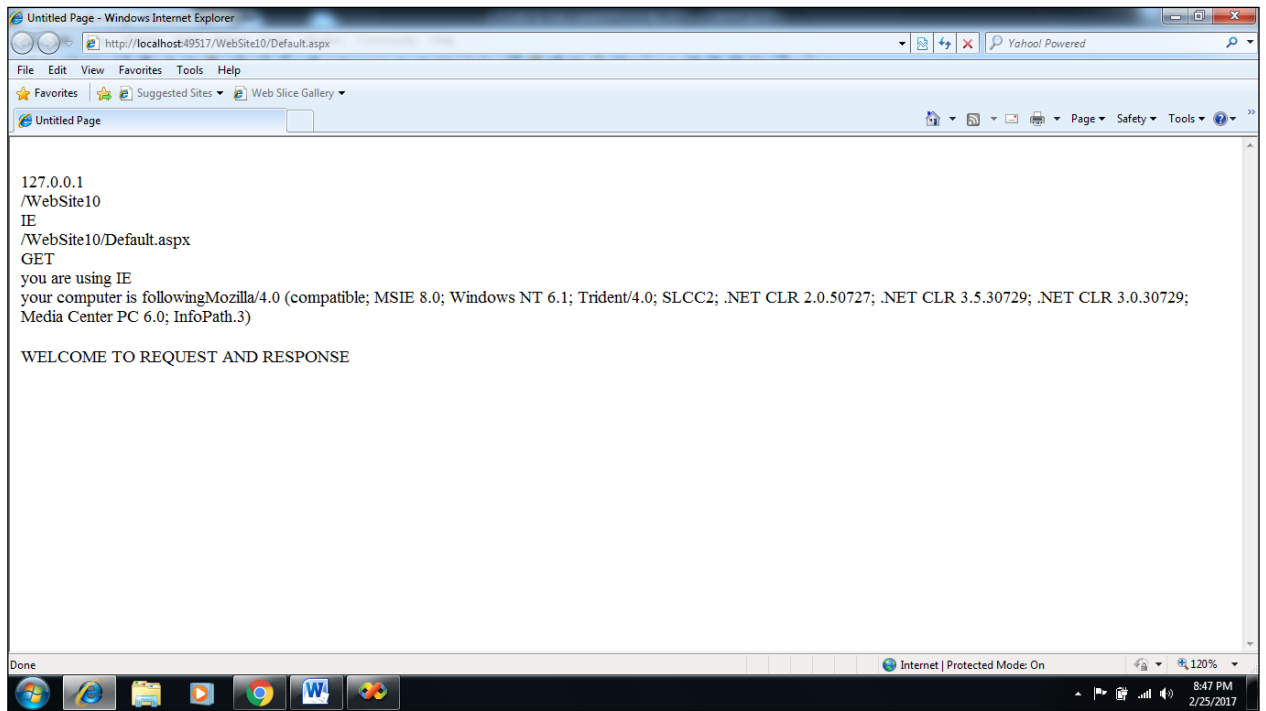
2.REQUEST AND RESPONSE OBJECT

```
Partial Class _Default
    Inherits System.Web.UI.Page

    Protected Sub Page_Load(ByVal sender As Object, ByVal e
    As System.EventArgs) Handles Me.Load
        Dim s As String = Request.UserHostAddress()
        Response.Write("<BR>" + s)
        Dim a As String = Request.ApplicationPath()
        Response.Write("<BR>" + a)
        Dim aa As String = Request.Browser.Browser
        Response.Write("<BR>" + aa)
        Dim b As String =
Request.CurrentExecutionFilePath
        Response.Write("<BR>" + b)
        Dim cc As String = Request.HttpMethod
        Response.Write("<BR>" + cc)
        If (Request.Browser.Browser = "IE") Then
            Response.Write("<br>you are using IE")
        Else
            Response.Write("<br>you are using some other
            browser")
        End If
        Response.Write("<br>your computer is following" &
Request.UserAgent)

    End Sub
End Class
```

OUTPUT:

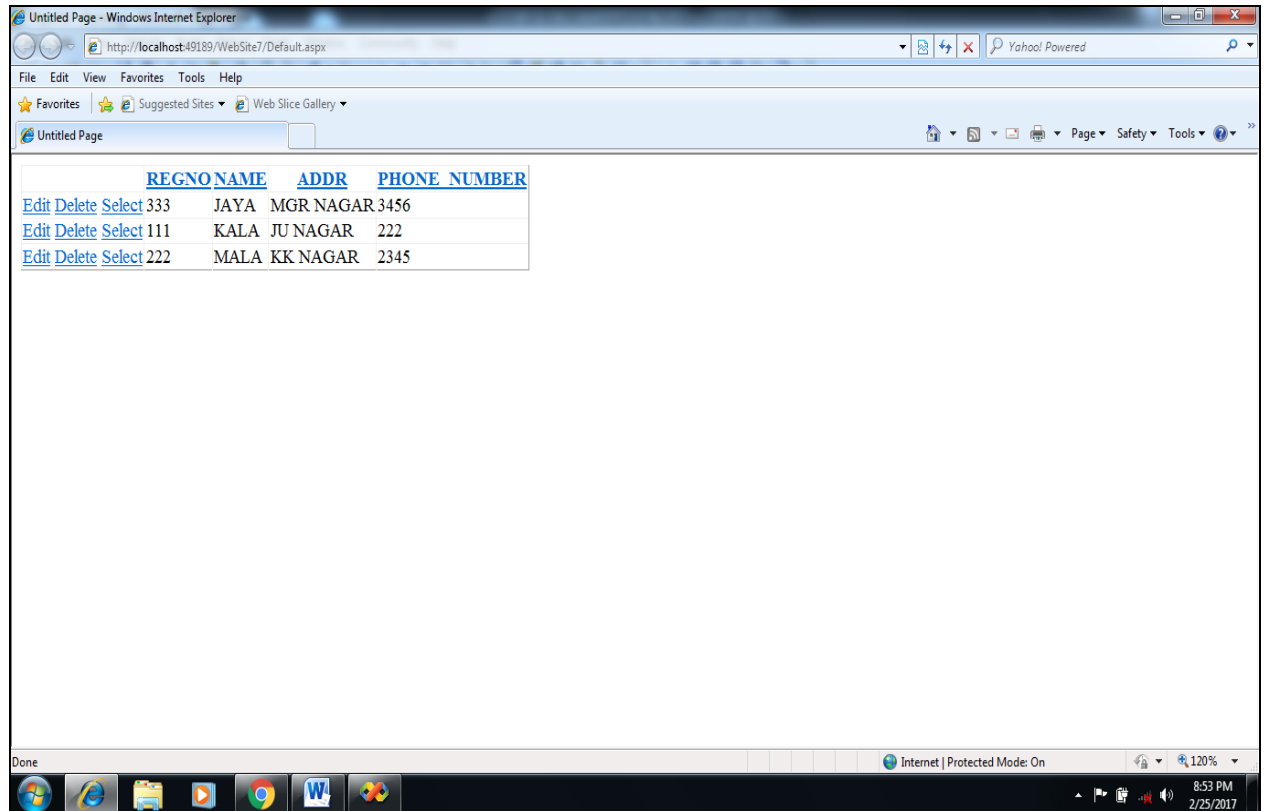


3.DATABASE CONNECTIVITY BY PROCEDURE

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb"
Inherits="_Default" %>

<!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 runat="server">
    <title>Untitled Page</title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView ID="GridView1" runat="server" AllowPaging="True"
AllowSorting="True"
                AutoGenerateColumns="False" DataKeyNames="REGNO"
DataSourceID="AccessDataSource1"
                EmptyDataText="There are no data records to display.">
                <Columns>
                    <asp:CommandField ShowDeleteButton="True" ShowEditButton="True"
ShowSelectButton="True" />
                    <asp:BoundField DataField="REGNO" HeaderText="REGNO"
ReadOnly="True" SortExpression="REGNO" />
                    <asp:BoundField DataField="NAME" HeaderText="NAME"
SortExpression="NAME" />
                    <asp:BoundField DataField="ADDR" HeaderText="ADDR"
SortExpression="ADDR" />
                    <asp:BoundField DataField="PHONE_NUMBER"
HeaderText="PHONE_NUMBER" SortExpression="PHONE_NUMBER" />
                </Columns>
            </asp:GridView>
            &nbsp; &nbsp;
            <asp:AccessDataSource ID="AccessDataSource1" runat="server"
DataFile="C:\Users\samsung\Desktop\student.mdb"
                DeleteCommand="DELETE FROM `STUDENT` WHERE `REGNO` = ?"
InsertCommand="INSERT INTO `STUDENT` (`REGNO`, `NAME`, `ADDR`, `PHONE NUMBER`)
VALUES (?, ?, ?, ?)"
                SelectCommand="SELECT `REGNO`, `NAME`, `ADDR`, `PHONE NUMBER` AS
PHONE_NUMBER FROM `STUDENT`"
                UpdateCommand="UPDATE `STUDENT` SET `NAME` = ?, `ADDR` = ?, `PHONE
NUMBER` = ? WHERE `REGNO` = ?">
                <DeleteParameters>
                    <asp:Parameter Name="REGNO" Type="String" />
                </DeleteParameters>
                <UpdateParameters>
                    <asp:Parameter Name="NAME" Type="String" />
                    <asp:Parameter Name="ADDR" Type="String" />
                    <asp:Parameter Name="PHONE_NUMBER" Type="String" />
                    <asp:Parameter Name="REGNO" Type="String" />
                </UpdateParameters>
                <InsertParameters>
                    <asp:Parameter Name="REGNO" Type="String" />
                    <asp:Parameter Name="NAME" Type="String" />
                    <asp:Parameter Name="ADDR" Type="String" />
                    <asp:Parameter Name="PHONE_NUMBER" Type="String" />
                </InsertParameters>
            </asp:AccessDataSource>
        </div>
    </form>
</body>
</html>
```

OUTPUT :



4. STUDENT DATABASE CONNECTIVITY

```
Imports System.Data
Imports System.Data.OleDb

Partial Class _Default
    Inherits System.Web.UI.Page
    Dim con As OleDbConnection
    Dim cmd As OleDbCommand

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
        Handles Me.Load
            con = New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=C:\Users\samsung\Desktop\student.mdb")
            con.Open()
        End Sub

    Protected Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs)
        Handles Button1.Click

        cmd = New OleDbCommand("Insert into STUDENT values(" & TextBox1.Text & "," &
        TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & ")", con)
        cmd.ExecuteNonQuery()
        MsgBox(" Record is Inserted Successfully")
        con.Close()
    End Sub

    Protected Sub Button2_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Dim sqlQuery = "select * from STUDENT"
        'cmd = New OleDbCommand(sqlQuery, con)
        Dim da As OleDbDataAdapter
        da = New OleDbDataAdapter(sqlQuery, con)
        Dim ds As DataSet = New DataSet
        da.Fill(ds, "STUDENT")
        GridView1.DataSource = ds.Tables("STUDENT")
        GridView1.DataBind()
        con.Close()
    End Sub

    Protected Sub Button3_Click(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Button3.Click
        cmd = New OleDbCommand("Delete * from STUDENT where REGNO='" &
        TextBox1.Text & "'", con)
        cmd.ExecuteNonQuery()
        MsgBox(" Record is DELETED Successfully")
        con.Close()

    End Sub
End Class
```

