EX: 1

BASIC HTML TAGS

Program:

```
<html>
      <head>
      <title>Blocks Example</title>
      </head>
<body bgcolor="#9ae5e5">
      <h1 align="center">HTML</h1>
      <hr/>
      <p> HTML stands for Hyper Text Markup Language, It used to create static web
pages.<br/>

      HTML supports different types of tags those are html, head, title, h1, h2 and
etc..</p>

      Heading tags are <br/>
            <h1>HTML</h1>
            <h2>HTML</h2>
            <h3>HTML</h3>
            <h4>HTML</h4>
            <h5>HTML</h5>
            <h6>HTML</h6>
            <h2>Formatting Text</h2>
      Bold :<b>HTML</b><br/>
      Strong :<strong>HTML</strong><br/>
      Underline :<u>HTML</u><br/>
      Italic :<i>HTML</i><br/>
      bold,underline and italic : <b><u><i>Text</i></u></b><br/>
      Ins :<ins>HTML</ins><br/>
      Emapasis :<em>HTML</em><br/>
      Strike :<s>HTML</s><br/>
      Del :<del>HTML</del><br/>
      Highlighting a text :<mark>HTML</mark><br/>
      font size-3 : <font size="3">HTML</font><br/>
      font color-"red" : <font color="red">HTML</font><br/>
      font size -6 : <font size="6">HTML</font><br/>
      font size-7 and color -red :
<font size="7" color="red">HTML</font><br/>
</body>
</html>
```
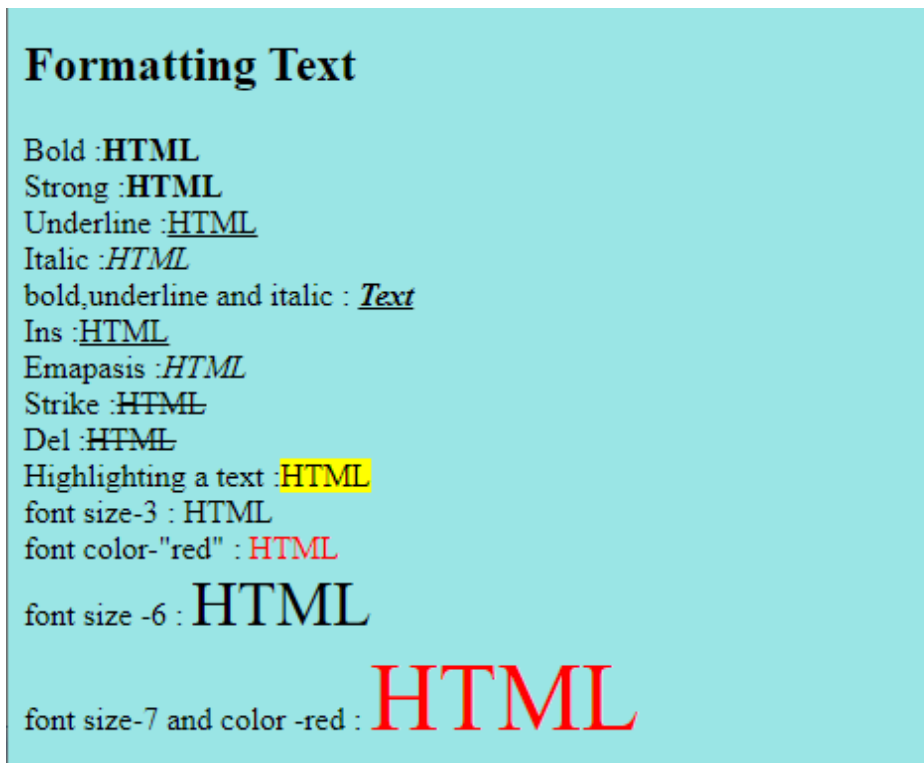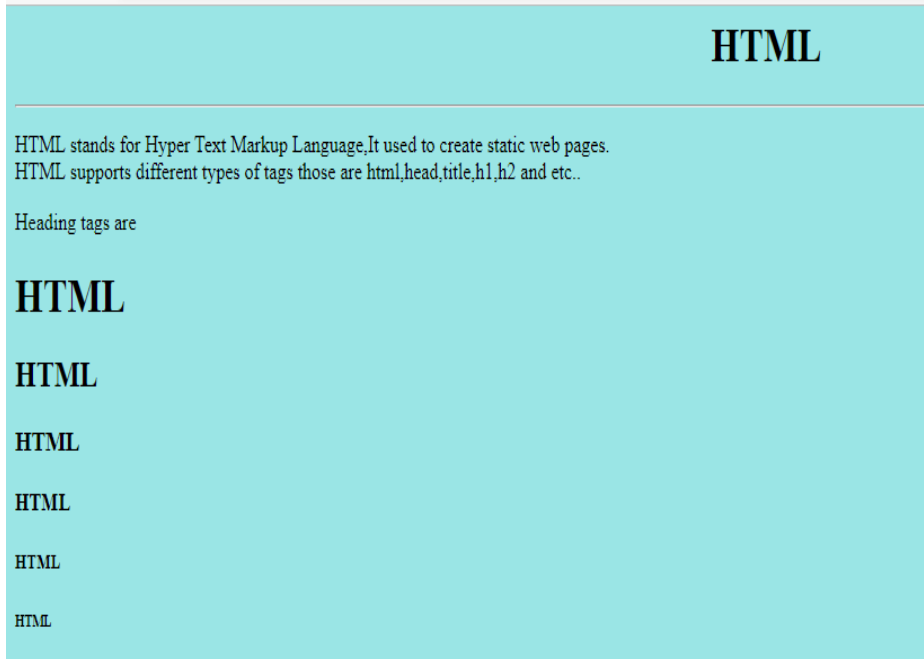
EX: 1

BASIC HTML TAGS

<u>**OUTPUT:**</u>

<div style="background:#80DEDE">

HTML

HTML stands for Hyper Text Markup Language,It used to create static web pages.
HTML supports different types of tags those are html,head,title,h1,h2 and etc..

Heading tags are

HTML

HTML

HTML

HTML

HTML

HTML

</div>

<div style="background:#80DEDE">

Formatting Text

Bold :**HTML**
Strong :**HTML**
Underline :<u>HTML</u>
Italic :*HTML*
bold,underline and italic : ***<u>Text</u>***
Ins :<u>HTML</u>
Emapasis :*HTML*
Strike :~~HTML~~
Del :~~HTML~~
Highlighting a text :<mark>HTML</mark>
font size-3 : HTML
font color-"red" : HTML

font size -6 : HTML

font size-7 and color -red : HTML

</div>

EX: 2

ANCHOR TAG & HYPERLINK

Program:

<html>

  <head>

    <title>Hyperlink Example</title>

    <base href = "https://www.google.co.in/">

  </head>

  <body>

    <p>Click any of the following links</p>

    Opens in New |

    Opens in Self |

    Opens in Parent |

    Opens in Body

  </body>

</html>

EX: 2

ANCHOR TAG & HYPERLINK

OUTPUT

EX: 3
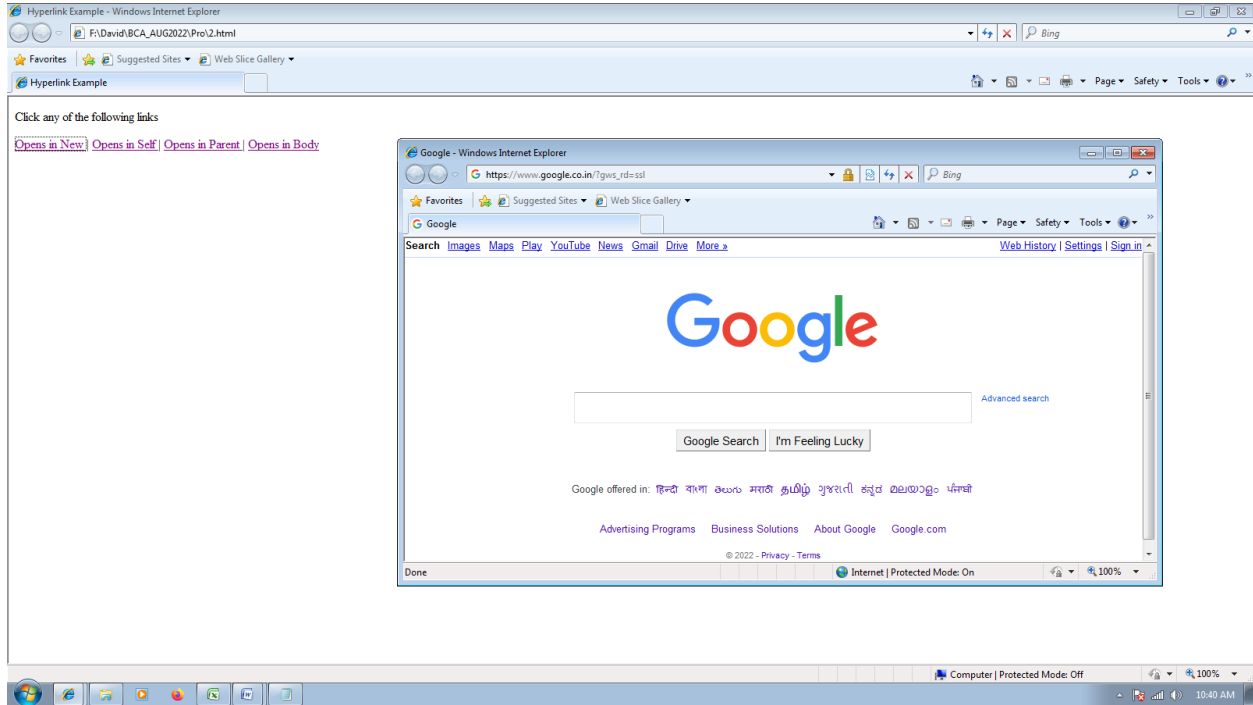
ORDERED & UNORDERED LIST

Program:

```html
<html>
  <head>
    <title>World Cup Teams</title>
  </head>
  <body>

    <h1 align="center"> List of teams for World Cup </h1>
    <ol>
      <li>India</li>
      <li>Australia</li>
      <li>South Africa</li>
      <li>New Zealand</li>
      <li>Pakistan</li>
      <li>Srilanka</li>
      <li>West Indies</li>
      <li>Bangladesh</li>
    </ol>

    <h1 align="center">Developed Countries</h1>
    <p>The list of developed countries :</p>
    <ul style="list-style-type:square">
      <li>US</li>
      <li>Australia</li>
      <li>New Zealand</li>
    </ul>

  </body>
</html>
```
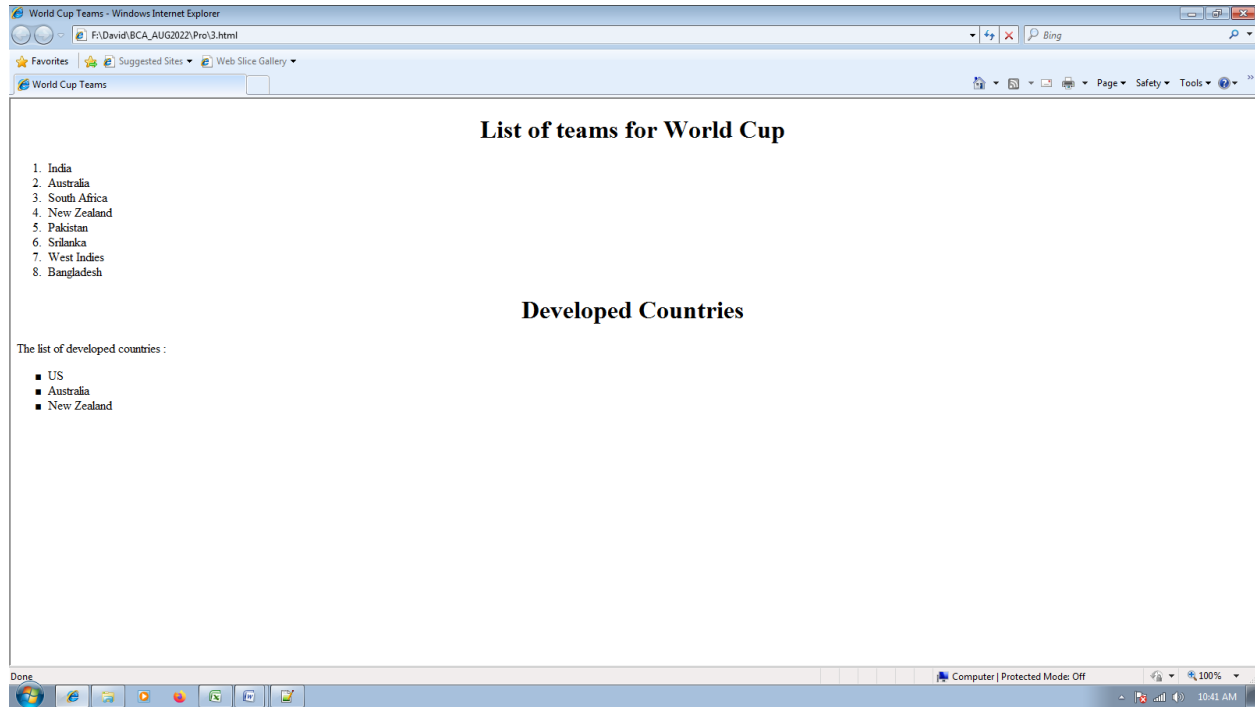
EX: 3

ORDERED & UNORDERED LIST

OUTPUT

EX: **4**

TABLE CREATION USING HTML

<u>Program:</u>

```html
<html>

<head>
	<style>
	table,
	th,
	td {
		border: 2px solid black;
		border-collapse: collapse;
	}
	</style>
</head>

<body>
	<h1 align="center">Table with Collapsed Borders</h1>
	<table style="width:100%" caption="Sample Table">
		<tr>
			<th>Firstname</th>
			<th>Lastname</th>
			<th>Age</th>
		</tr>
		<tr>
			<td>Priya</td>
			<td>Sharma</td>
			<td>24</td>
		</tr>
		<tr>
			<td>Arun</td>
			<td>Singh</td>
			<td>32</td>
		</tr>
		<tr>
			<td>Sam</td>
			<td>Watson</td>
			<td>41</td>
		</tr>
	</table>
</body>

</html>
```
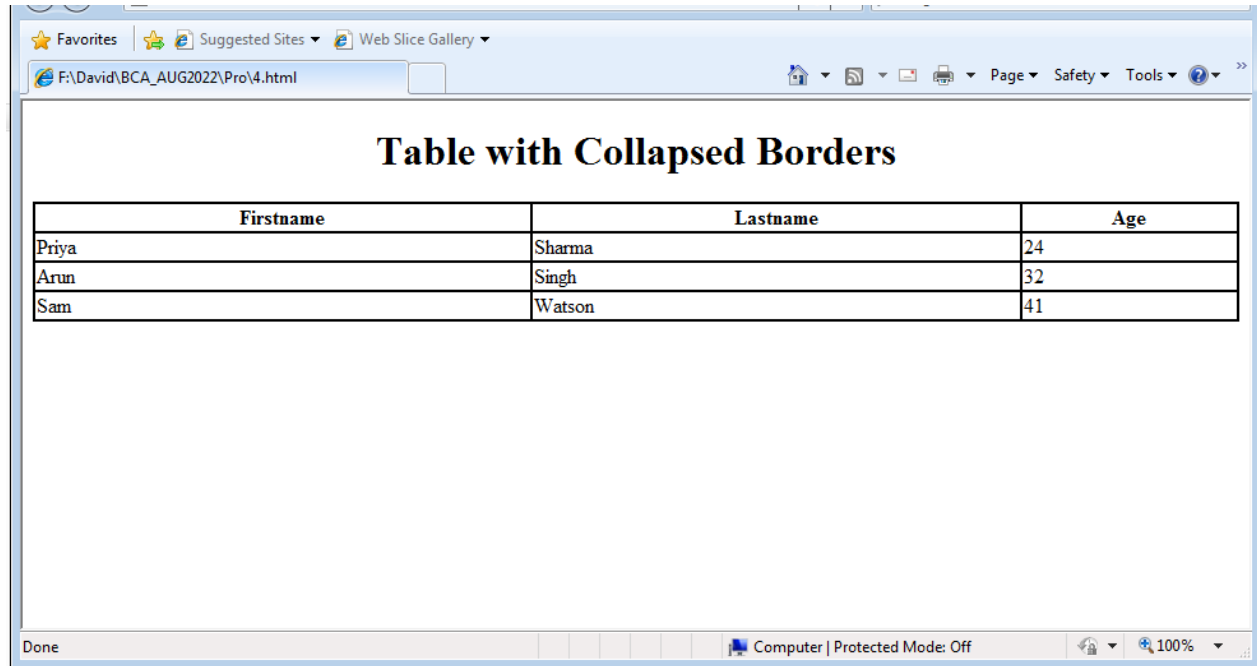
EX: **4**

TABLE CREATION USING HTML

OUTPUT

Table with Collapsed Borders

Firstname	Lastname	Age
Priya	Sharma	24
Arun	Singh	32
Sam	Watson	41

EX: **5**

FRAMES USING HTML

Program:

```
<HTML>
    <HEAD>
        <TITLE>A Simple Frameset Document</TITLE>
    </HEAD>
    <FRAMESET cols="20%, 80%">
    <FRAMESET rows="100, 200">
        <FRAME src="frame1.html">
        <FRAME src="frame2.gif">
    </FRAMESET>
        <FRAME src="frame3.html">
      <NOFRAMES>
     <P>This frameset document contains:
        <UL>
            <LI><A href="frame1.html">Some neat contents</A>
            <LI><IMG src="frame2.gif" alt="A neat image">
            <LI><A href="frame3.html">Some other neat contents</A>
        </UL>
      </NOFRAMES>
    </FRAMESET>
</HTML>
```
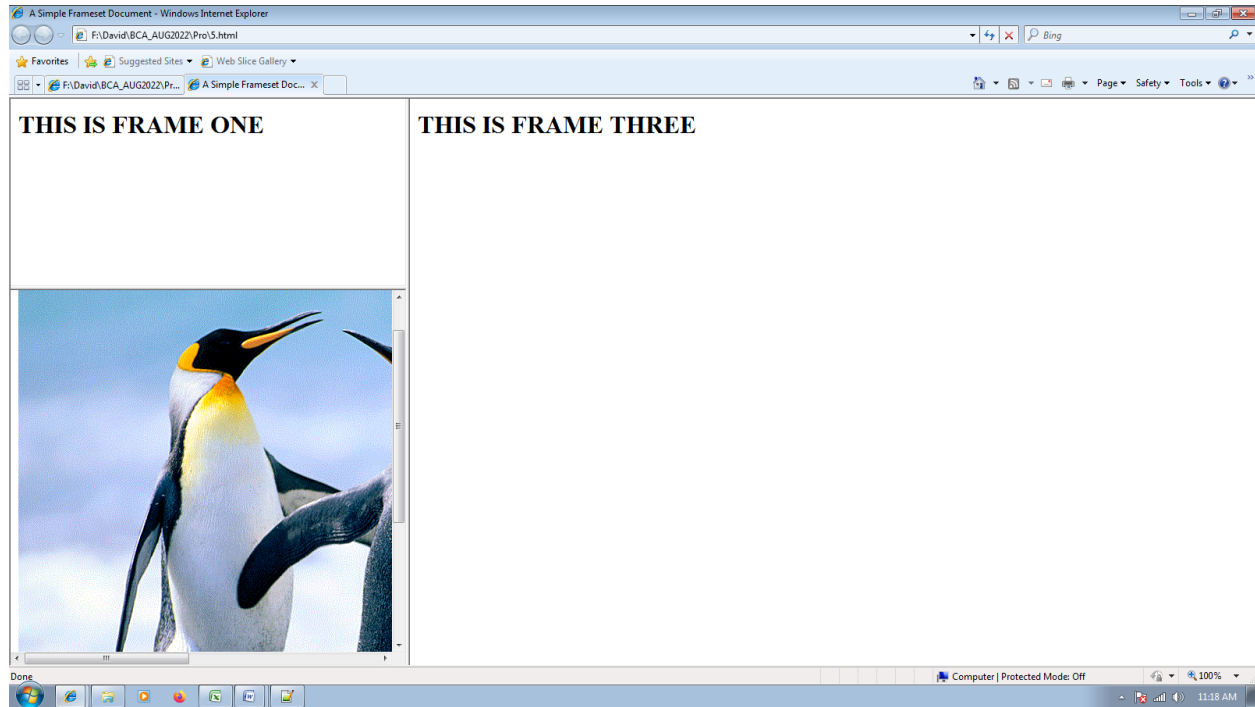
EX: **5**

FRAMES USING HTML

OUTPUT

EX: **6**

HTML FORMS

Program:

```
<html>
        <head>
        <title>HTML Table</title>
        </head>
<body>
        <form method="" action="">
        <table border="1" align="center" width="400" bgcolor="#CCCCCC" >
        <caption>Registration form</caption>
        <tr>
                <th>Enter your first name</th>
                <td><input type="text" name="fn" id="fn1" maxlength="10" title="enter your
        first name" placeholder="enter your first name" required/></td>
        </tr>
        <tr>
        <th>Enter your last name</th>
        <td><input type="text"/></td>
        </tr>
        <tr>
        <th>Enter your password</th>
        <td><input type="password"/></td>
        </tr>
        <tr>
        <th>ReEnter your password</th>
        <td><input type="password"/></td>
        </tr>
        <tr>
        <th>Enter your email</th>
        <td><input type="email"/></td>
        </tr>
        <tr>
        <th>Enter your mobile</th>
        <td><input type="number"/></td>
</tr>
<tr>
        <th>Enter your address</th>
        <td><textarea rows="8" cols="20"></textarea></td>
</tr>
<tr>
        <th>Select your gender</th>
<td>
        male<input type="radio" name="g" value="m"/>
```

```html
		female<input type="radio" name="g" value="f"/>
</td>
</tr>
<tr>
		<th>Select your hobbies</th>
<td>
		hobby1<input type="checkbox" name="x[]" value="h"/>
		hobby2<input type="checkbox" name="x[]" value="h2"/>
		hobby3<input type="checkbox" name="x[]" value="h3"/>
</td>
</tr>
<tr>
<th>Select your DOB</th>
<td><input type="date"/></td>
</tr>
<tr>
<th>Select your Country</th>
<td>
<select name="country">
		<option value="" selected="selected" disabled="disabled">Select your country</option>
		<option value="1">India</option>
		<option value="2">Pakistan</option>
</select>
</td>
</tr>
<tr>
<th>Upload your pic</th>
<td><input type="file"/></td>
</tr>
<tr>
<td colspan="2" align="center"><input type="submit" value="Save My Data"/>
<input type="reset" value="Reset Data"/>
</td>
</tr>
</table>
</form>
</body>
</html>
```
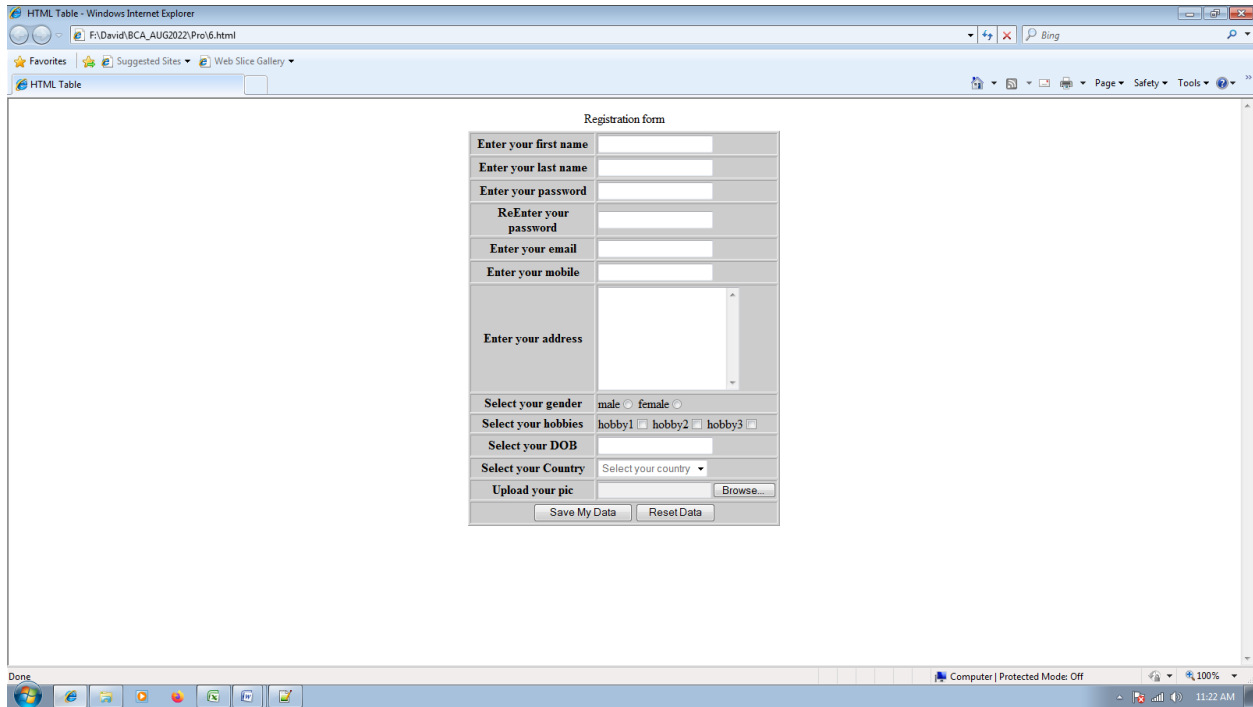
EX: **6**

HTML FORMS

OUTPUT

EX: **7**

CONNECTING MS-ACCESS DATABASE

<u>Program:</u>

```html
<html>
<head>
<title>Login</title>

<script>
// Function to Check the login from MS Access database
function checkLogin()
        {
                var usname = document.getElementById('tbuname').value;
                var pwd = document.getElementById('tbpwd').value;
                var cn = new ActiveXObject("ADODB.Connection");
        var strConn = "Provider=Microsoft.jet.OLEDB.4.0;Data Source = ..\..\my_db.mdb";
                var rs = new ActiveXObject("ADODB.Recordset");
                var SQL = "select password from user_master where uname = '" + usname + "'";
                cn.Open(strConn);
                rs.Open(SQL, cn);
                if(!rs.eof)
                {
                        if(rs.fields(0).value == pwd)
                                location.href='main.html?uname='+usname;
                        else
                                alert('Wrong Username or Password!');
                }
                else
                        alert('Wrong Username or Password!');
                rs.Close();
                cn.Close();
        }
</script>
</head>

<body style="margin:0;">
        Username : <input type="text" id="tbuname" name="tbuname"/>
<br />
<br />
        Password : <input type="text" id="tbpwd" name="tbpwd" />
<br>
<br>
        <button onclick="checkLogin()"><b> Login </b> </button>
<br />
        <a href="registration.htm">Register user</a>
</body>
</html>
```
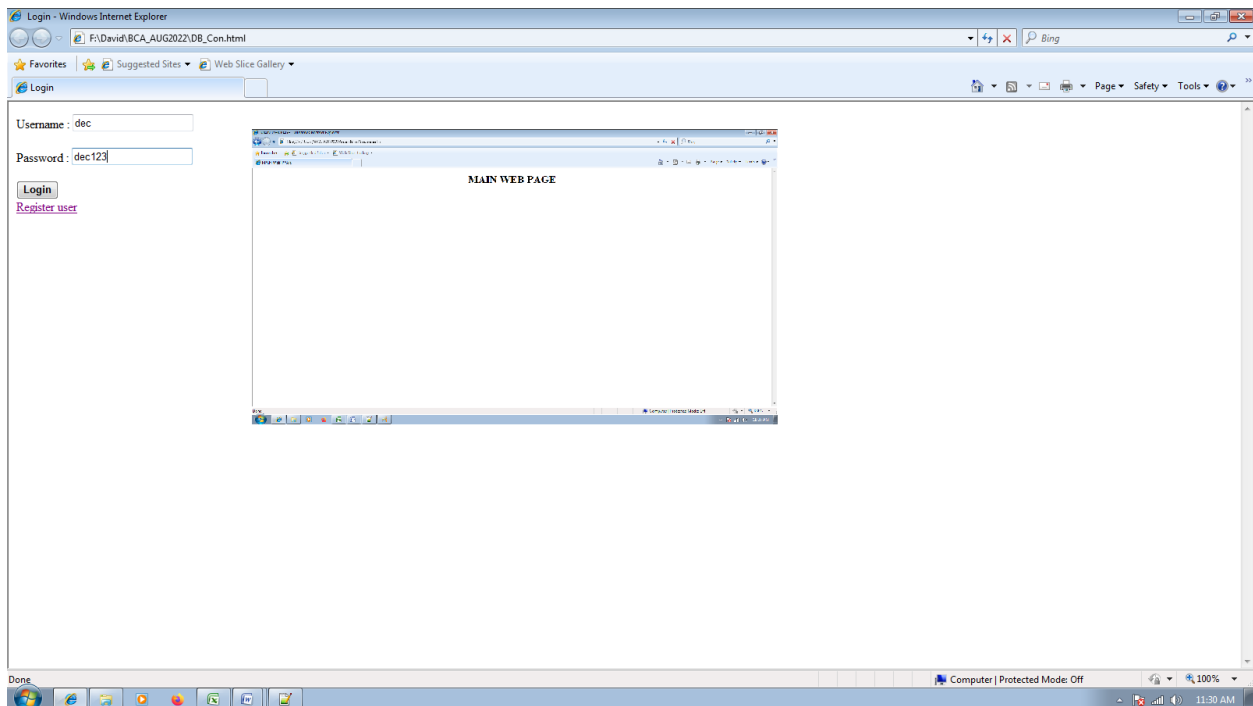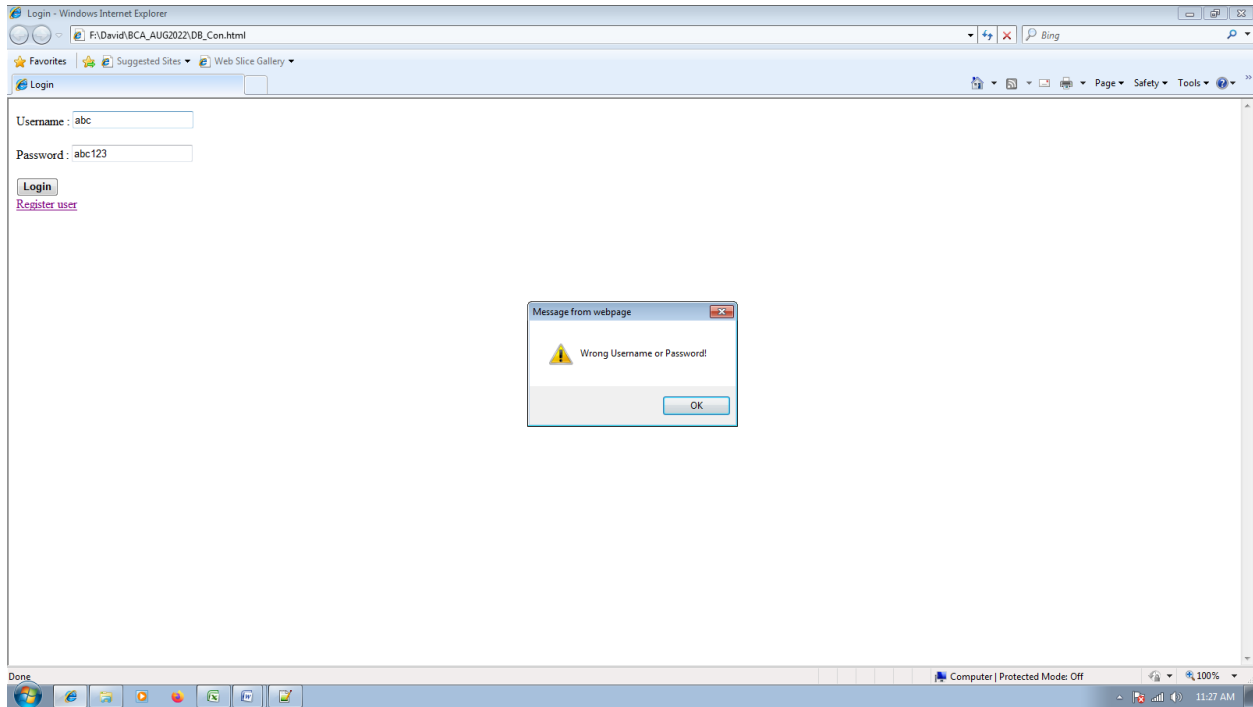
EX: **7**

CONNECTING MS-ACCESS DATABASE

OUTPUT

EX: **8**

ADDITION OF TWO NUMBERS USING JAVASCRIPT

<u>Program:</u>

```html
<html>
<head>
<script>
function add()
  {
    var numOne, numTwo, sum;
    numOne = parseInt(document.getElementById("first").value);
    numTwo = parseInt(document.getElementById("second").value);
    sum = numOne + numTwo;
    document.getElementById("answer").value = sum;
  }
</script>
</head>
<body>
<p>Enter the First Number: <input id="first"></p>
<p>Enter the Second Number: <input id="second"></p>
<button onclick="add()">Add</button>
<p>Sum = <input id="answer"></p>
</body>
</html>
```

EX: **8**

ADDITION OF TWO NUMBERS USING JAVASCRIPT

__OUTPUT__

EX: **9**
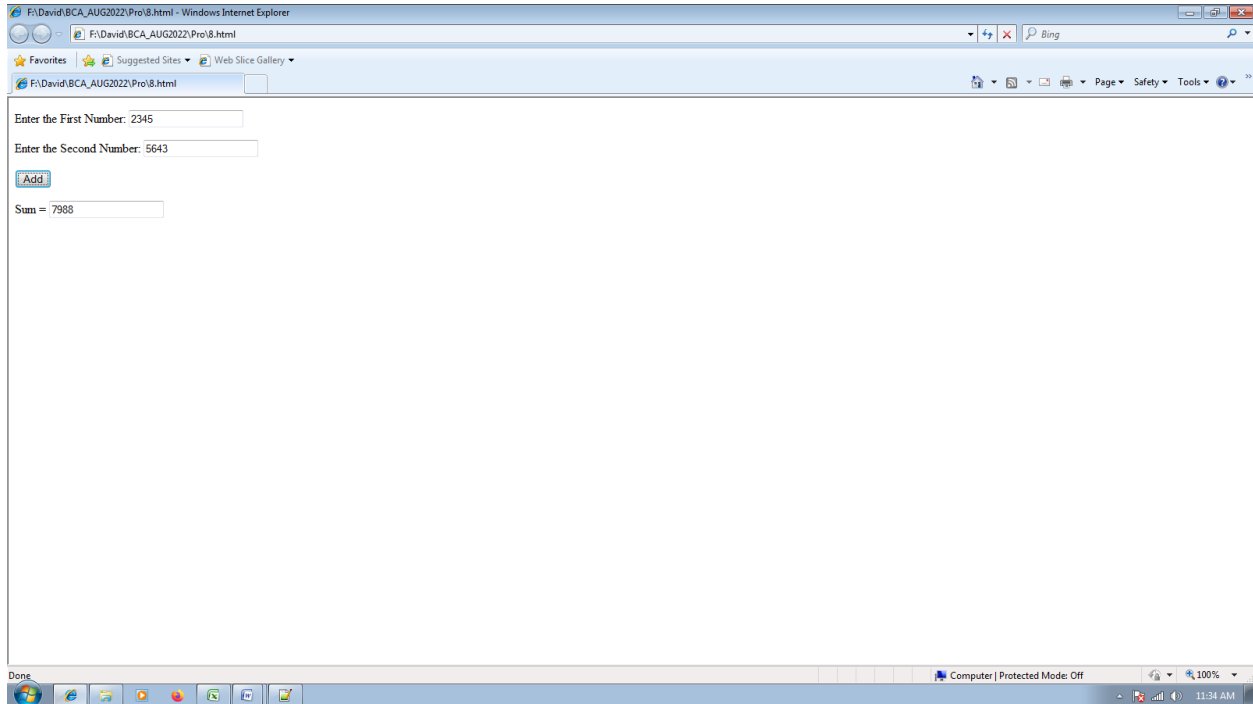
LARGEST OF THREE NUMBERS USING JAVASCRIPT

Program:

```html
<html>
      <head>
            <script>
                  function largestnum()
                  {
                          var num1, num2, num3;
                          num1 = Number(document.getElementById("N").value);
                          num2 = Number(document.getElementById("M").value);
                          num3 = Number(document.getElementById("O").value);

                          if(num1>num2 && num1>num3)
                          {
                                  window.alert(num1+" - is greater among the given three
numbers");
                          }
                          else if(num2>num1 && num2>num3)
                          {
                                  window.alert(num2+" - is greater among the given three
numbers");
                          }
                          else if(num3>num1 && num3>num1)
                          {
                                  window.alert(num3+" - is greater among the given three
numbers");
                          }
                  }
            </script>
      </head>
      <body>
            <h1>Check largest number </h1>
            <br>
            Enter number 1: <input type="text" id="N"></input><br>
            Enter number 2: <input type="text" id="M"></input><br>
            Enter number 3: <input type="text" id="O"></input><br>
<button onclick="largestnum()">submit</button>
      </body>
</html>
```
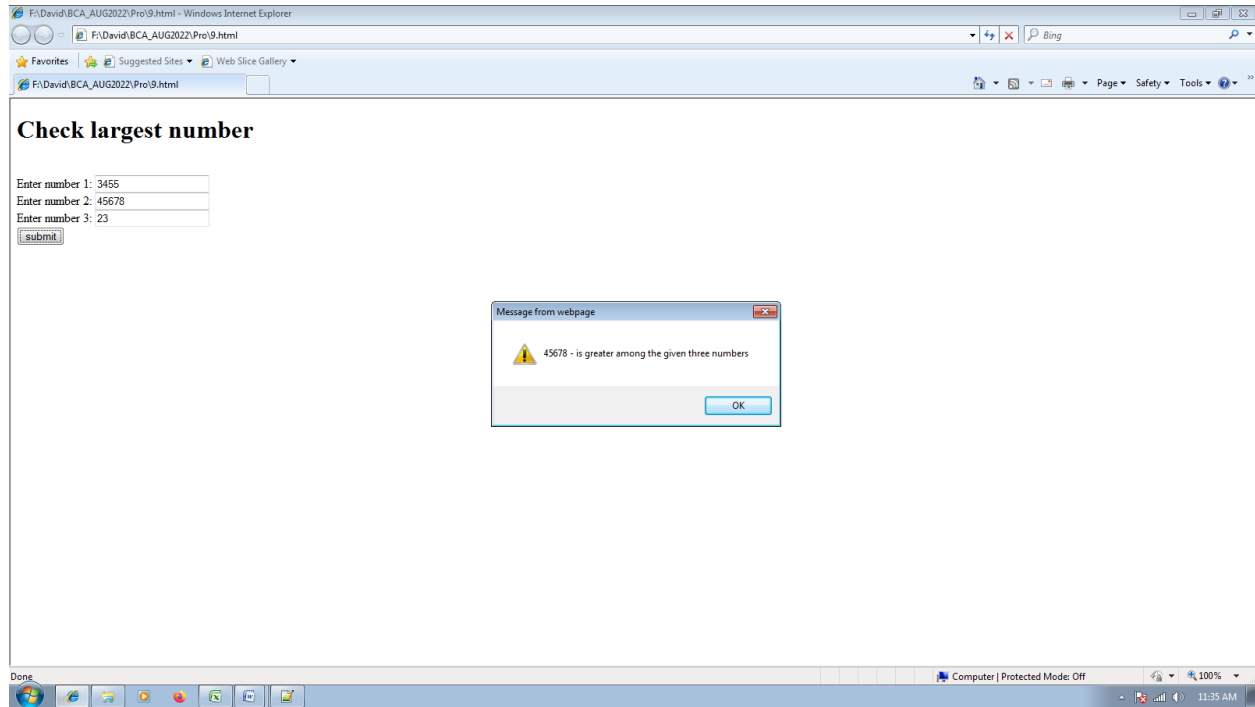
EX: **9**

LARGEST OF THREE NUMBERS USING JAVASCRIPT

OUTPUT

EX: **10**

NUMBER IN WORDS USING JAVASCRIPT

Program:

```html
<html>
<head>
      <title>Number in words</title>
<script language="javascript">
      function convert()
{
      var num=document.forms["frm1"].num.value;
      document.forms["frm1"].words.value="";
      if(isNaN(num))
{
      alert("Not a Number");
}
      else if (num<0 || num>999)
{
      alert("Out of Range");
}
else
{
      var len=num.length;
      var words="";
for(var i=0;i<len;i++)
{
      var n=num.substr(i,1);
switch(n)
{
      case '0':words+="Zero ";break;
      case '1':words+="One ";break;
```

```
        case '2':words+="Two ";break;

        case '3':words+="Three ";break;

        case '4':words+="Four ";break;

        case '5':words+="Five ";break;

        case '6':words+="Six ";break;

        case '7':words+="Seven ";break;

        case '8':words+="Eight ";break;

        default:words+="Nine ";

    }

}

document.forms["frm1"].words.value=words;

}

}

</script>

</head>

<body>

<form name="frm1">

<center><h3>NUMBER IN WORDS</h3></center>

<br/>

<center>Enter a Number :<input type="text" name="num"></input><br/></center>

<br/>

<center><input type="button"  name="inwords" value="In Words"

onclick="convert()"></input></center>

<br/><br/><center>Number in Words :<input type="text"

name="words"></input></center>

<br/>

</form>

</body>

</html>
```

EX: **10**

NUMBER IN WORDS USING JAVASCRIPT

<u>OUTPUT</u>
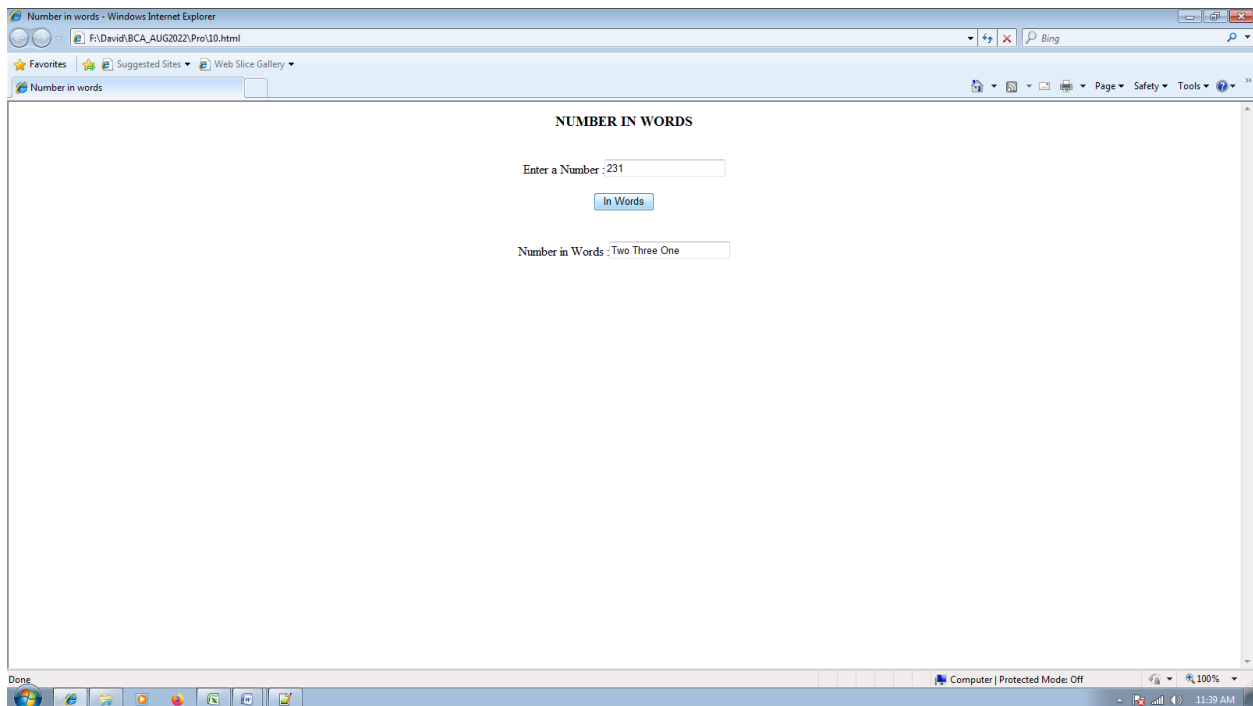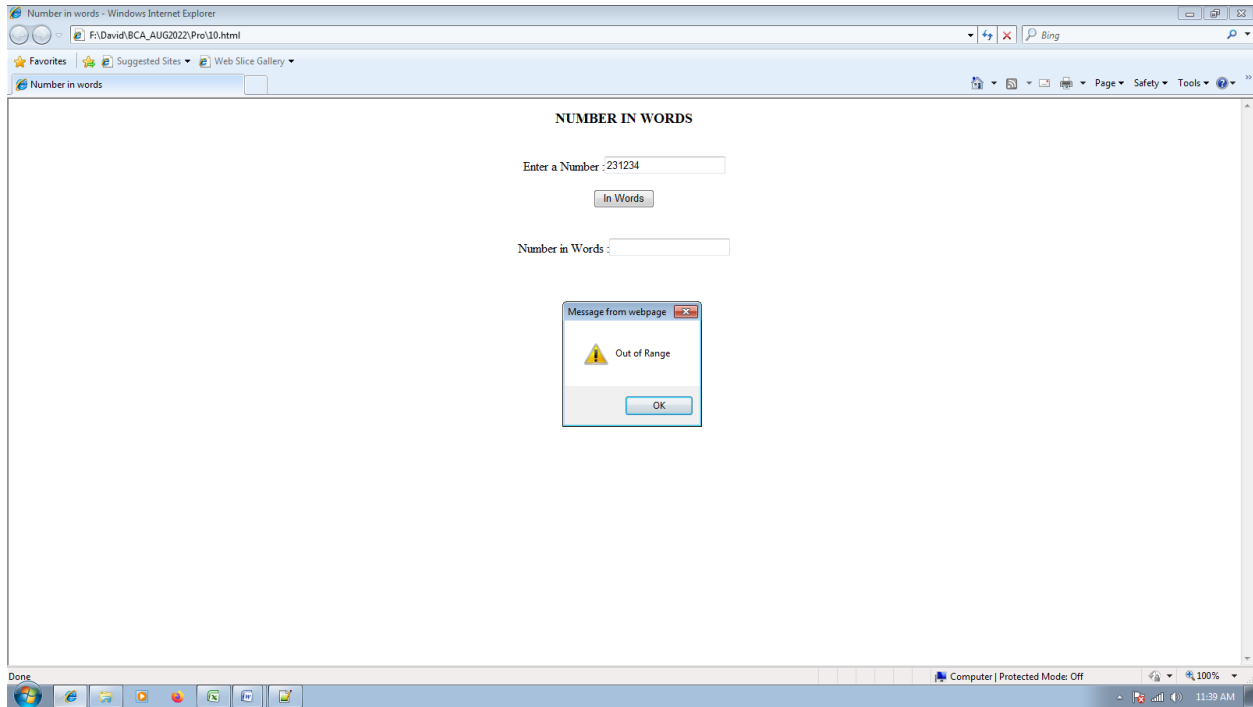
EX: **11**

JAVASCRIPT PROGRAM USING FUNCTIONS

Program:

```html
<html>
<head>
<title>Number in Descending Order</title>
<script language="javascript">
function ndesc()
        {
        var num_array=new Array();
        var num=document.forms["frm1"].num.value;
        document.forms["frm1"].desc.value="";
        var nums = num.split(',');
        var len=num.split(',').length;
        for(var i=0;i<len;i++)
        {
                num_array.push(nums[i]);
        }
                function sortN(a,b)
        {
                return b - a;
        }
                document.forms["frm1"].desc.value= num_array.sort(sortN);
        }
</script>
</head>
<body>
<form name="frm1">
<center>
<h3> Numbers in Descending Order</h3>
</center>
<br/>
<center>Enter  Numbers separated by Comma : <input type="text"
name="num"></input><br/></center>
<br/>
<center>
<input type="button"  name="inwords" value="In Descending Order"
onclick="ndesc()"></input>
</center>
<br/><br/>
<center>Number in Descending Order : <input type="text" name="desc"></input></center>
<br/>
</form>
</body>
</html>
```
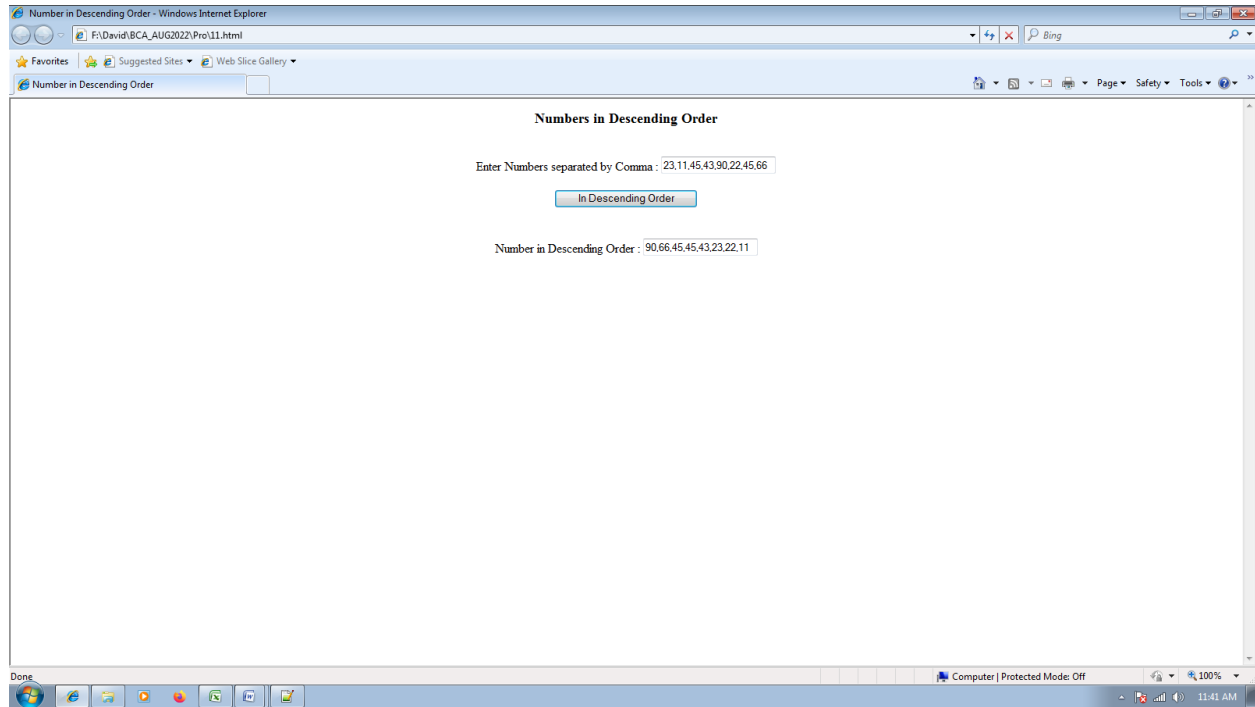
EX: **11**

JAVASCRIPT PROGRAM USING FUNCTIONS

OUTPUT

JAVASCRIPT PROGRAM USING EVENTS

Program:

```
<html>
    <head>
        <title>Online Calculator</title>
        <script>
            function number(value){
                document.form1.result.value += value;
            }
            function cle(value) {
                document.form1.result.value=0;
            }
            function evalua() {
                //var evalu=eval(document.form1.result.value);
                document.form1.result.value=eval(document.form1.result.value);
            }
        </script>
        <style>
            table{
                border: 2px solid black;
                width:30%;
            }
            td{
                padding: 15px;
                width:15px;
                height:100%;
                color:red;
            }
            button{
                width:100%;
                height:100%;
                color:blue;

            }
            input{
                width:100%;
                height:20px;
                background-color:white;
            }

            button:hover{
                background-color:red;
                color:black;
```

```html
                            font-weight:bold;
                        }
                </style>
        </head>
        <body>
                <form name="form1">
        <table align="center">
        <tr><td colspan="4" style="text-align:center">SIMPLE CALCULATOR</td></tr>
                                <tr><td colspan="4">
<input type="text" name="result" placeholder="0" disabled style="text-align:right"></input>
</td>
</tr>
<tr>
<td><button type="button" onclick="number(value)" value="1">1</button></td>
<td><button type="button" onclick="number(value)" value="2">2</button></td>
<td><button type="button" onclick="number(value)" value="3">3</button></td>
<td><button type="button" onclick="number(value)" value="+">+</button></td>
</tr>
<tr>
        <td><button type="button" onclick="number(value)" value="4">4</button></td>
        <td><button type="button" onclick="number(value)" value="5">5</button></td>
        <td><button type="button" onclick="number(value)" value="6">6</button></td>
        <td><button type="button" onclick="number(value)" value="-">-</button></td>
</tr>
<tr>
        <td><button type="button" onclick="number(value)" value="7">7</button></td>
        <td><button type="button" onclick="number(value)" value="8">8</button></td>
        <td><button type="button" onclick="number(value)" value="9">9</button></td>
        <td><button type="button" onclick="number(value)" value="/">/</button></td>
</tr>
<tr>
        <td><button type="button" onclick="number(value)"
        value="."><strong>.</strong></button></td>
        <td><button type="button" onclick="number(value)" value="0">0</button></td>
        <td><button type="button" onclick="number(value)" value="*">*</button></td>
        <td><button type="button" onclick="number(value)" value="%">%</button></td>
</tr>
<tr>
        <td colspan="2"><button type="button" onclick="cle(value)"
value="C">C</button></td>
        <td colspan="2"><button type="button" onclick="evalua()" value='='>= </button></td>
                                </tr>
                        </table>
                </form>
        </body>
</html>
```
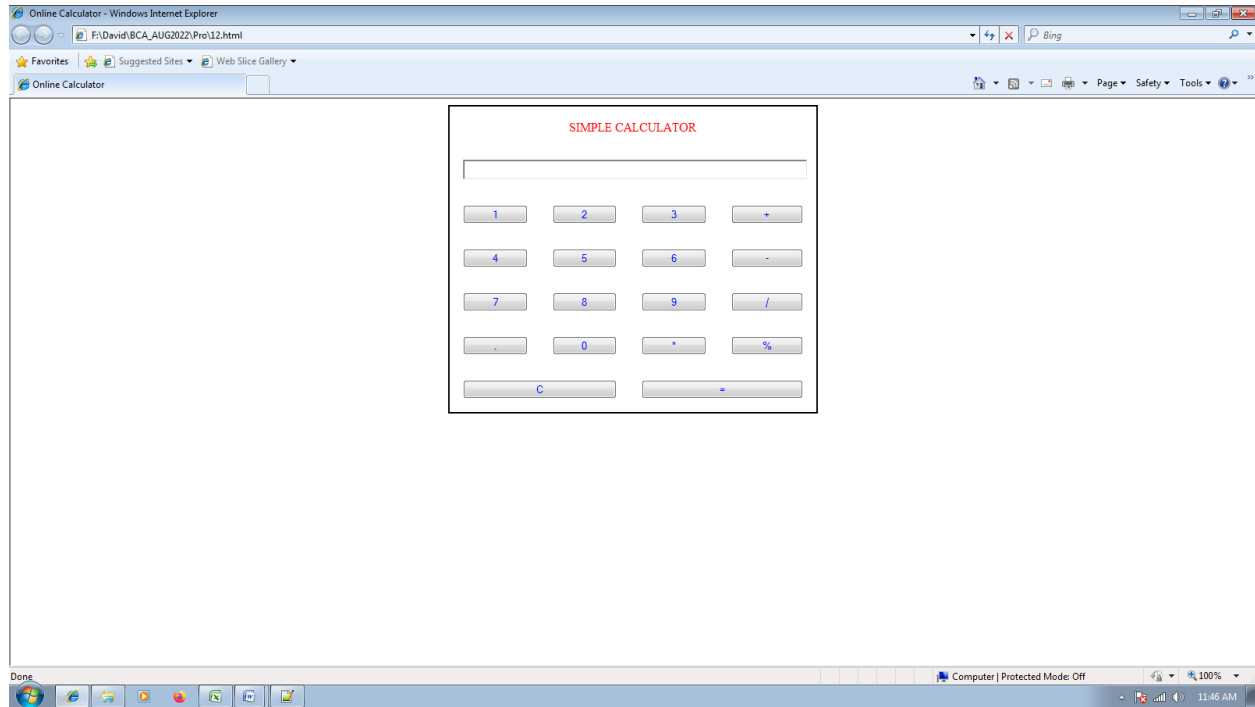
EX: **12**

JAVASCRIPT PROGRAM USING EVENTS

OUTPUT

EX: **13**

JAVASCRIPT PROGRAM USING FORM ELEMENTS

Program:

```
<html>
<head>
<title> Capitals of Countries </title>
<style>
p{
color:red;
font-weight:bold;
font-size:50;
}
</style>
<script language="javascript">
function capital()
{
var cunt=document.forms["frm1"].country.value;
var capital=" Please select any country ";
if( cunt=="india")
{
capital="NEW DELHI";
}
if( cunt=="china")
{
capital="BEIJING";
}
if( cunt=="pakistan")
{
capital="ISLAMABAD";
}
if( cunt=="bangladesh")
{
capital="DHAKA";
}
if( cunt=="japan")
{
capital="TOKYO";
}

if( cunt=="select")
{
capital="Please select any country";
}
document.getElementById("capt").innerHTML=capital;
```

```html
    }
</script>
</head>
<body>
<form name="frm1">
<br/>
<center>
Select a Country : <select name="country" onchange="capital()">
<option value="select">--SELECT--</option>
<option value="india">INDIA</option>
<option value="china">CHINA</option>
<option value="pakistan">PAKISTAN</option>
<option value="bangladesh">BANGLADESH</option>
<option value="japan">JAPAN</option>
</select>
<br/>
<br/>
<font color="green" size="6">Capital is :</font> <p id="capt"></p>
</center>
</form>
</body>
</html>
```

EX: **13**

JAVASCRIPT PROGRAM USING FORM ELEMENTS

OUTPUT