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3)	Create a Webform to retrieve data from one Webform and display another Webform.		
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Assignment-4

S.No.	Assignment	Page No.	Signature
1)	Jquery Element selector, ID selector, Class selector.		
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3)	Write a program in jquery using have hide() and show() methods which are used to hide and show HTML elements respectively.		
4)	Write jquery to perform-moving mouse over and element, click mouse over an element.		
5)	Write a jquery program using animation() method.		
6)	Write jquery code to perform following with AJAX-1, AJAX load(), AJAX get(), AJAX post().		

ASSIGNMENT-1

Q1. Write program to implement basic html tags.

ANSWER:-

-:HTML file:-

```
<!DOCTYPE html>

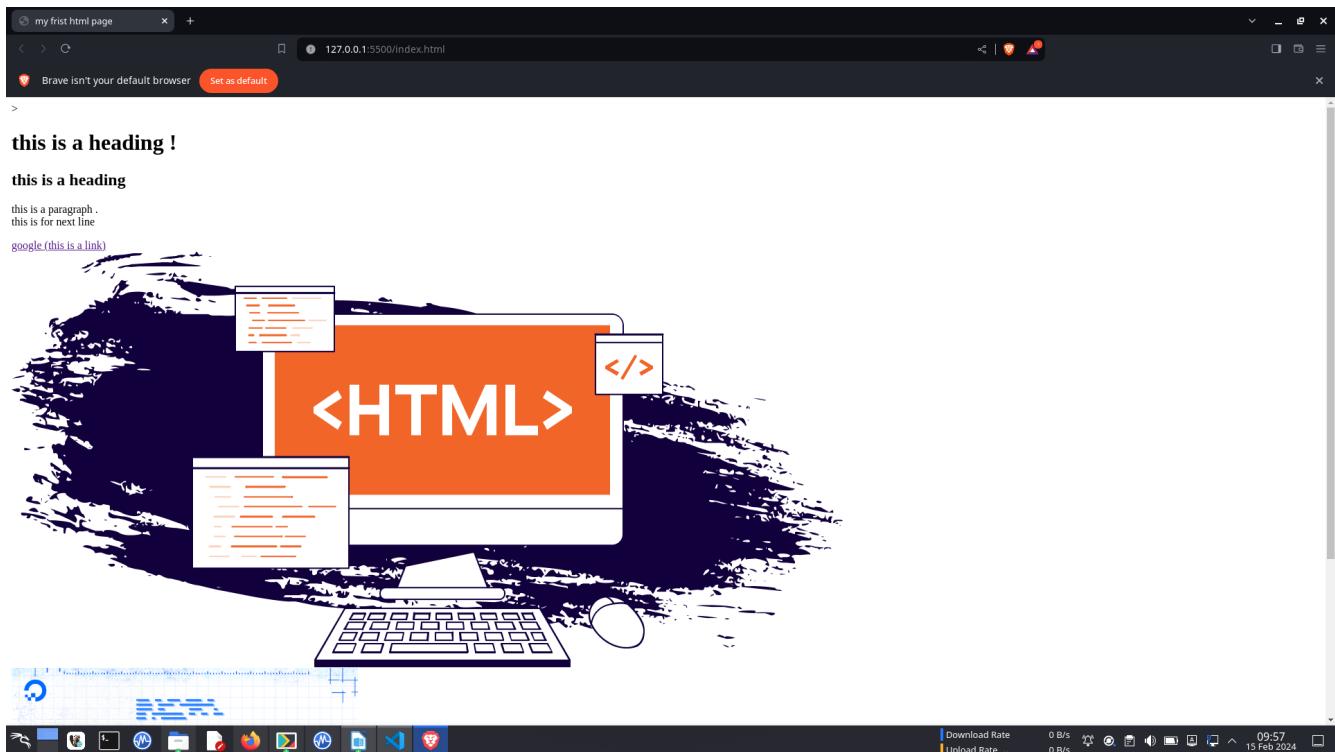
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>my frist html page</title>
</head>

<body>
<h1>this is a heading ! </h1>
<h2> this is a heading</h2>
<p> this is a paragraph . <br/> this is for next line </p>
<a href ="https://google.com">google (this is a link) </a> <br/>

<img src ="https://austingil.com/wp-content/uploads/HTML-Blog-Cover.png"
alt="html pic"/> <br/>
<img src ="/html img2.png"
alt="htmlpic" width="500"/>
<ul>
<li> this is unordered list item</li>

</ul>
<ol>
<li>this is ordered list item </li>
</ol>
<!--bold ,italic&underline tags-->
<b>bold</b><br>
<i>italic</i><br>
<u>underline</u>
</body>
</html>
```

:-OUTPUT:-



Q2. Write an html program to create mark -sheet using table tag.

ANSWER:-

:-HTML file:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>mark-sheet</title>
</head>

<body>
<h1>marksheet</h1>
<h2>student name :ram</h2>
<table border="2">
<tr>

<th>sub name</th>
```

```

<th>marks</th>
<th>totak marks</th>
</tr>
<tr>
<td>dbms
</td>
<td> 75 </td>
<td>100</td>
</tr>
<tr>
<td>
cpp
</td>
<td>87</td>
<td>100</td>
</tr>
<tr>
<td>cn</td>
<td>89</td>
<td>100</td>
</tr>
<tr>
<td>spm</td>
<td>78</td>
<td>100</td>
</tr>
<tr>
<td>wd</td>
<td>89</td>
<td>100</td>
</tr>
<tr>
<td>math</td>
<td>78</td>
<td>100</td>
</tr>
<tr><td>c</td>
<td>80</td>
<td>100</td>
</tr>
</table>
</body>
</html>

```



marksheet

student name :ram

sub name	marks	totak marks
dbms	75	100
cpp	87	100
cn	89	100
spm	78	100
wd	89	100
math	78	100
c	80	100

:OUTPUT:-

Q3.create a hyperlink on image explain with the help of examples .

ANSWER:-

-:HTMLFILE:-

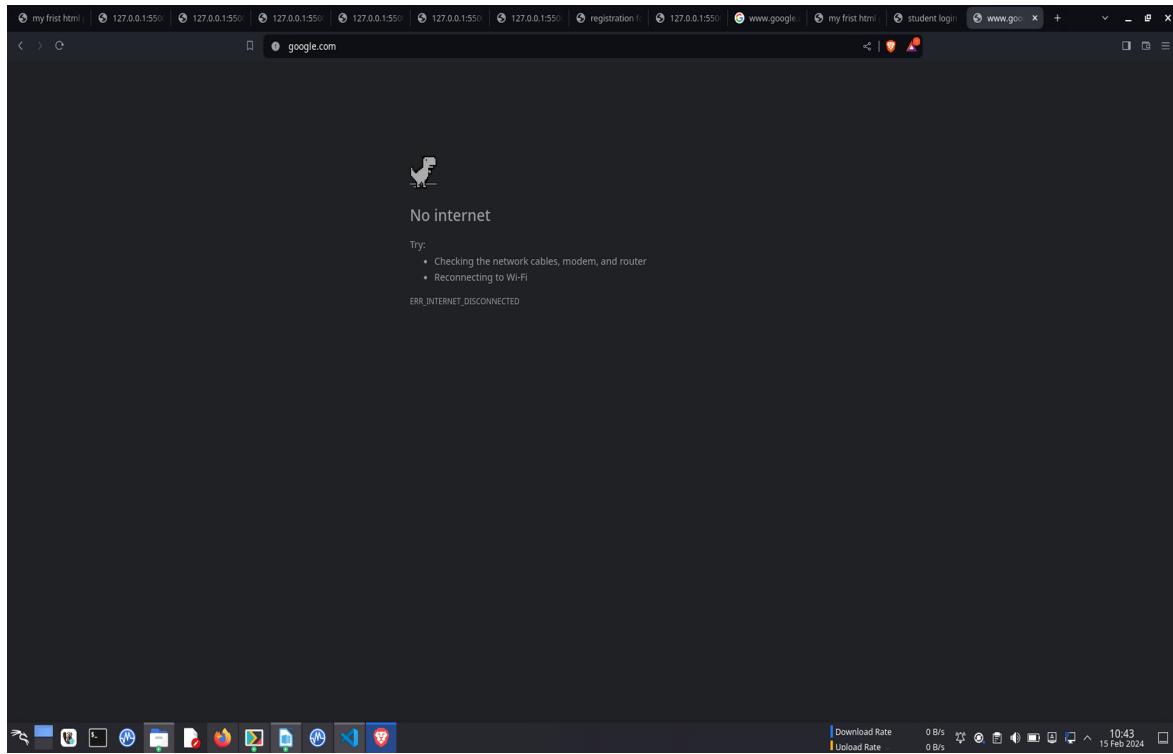
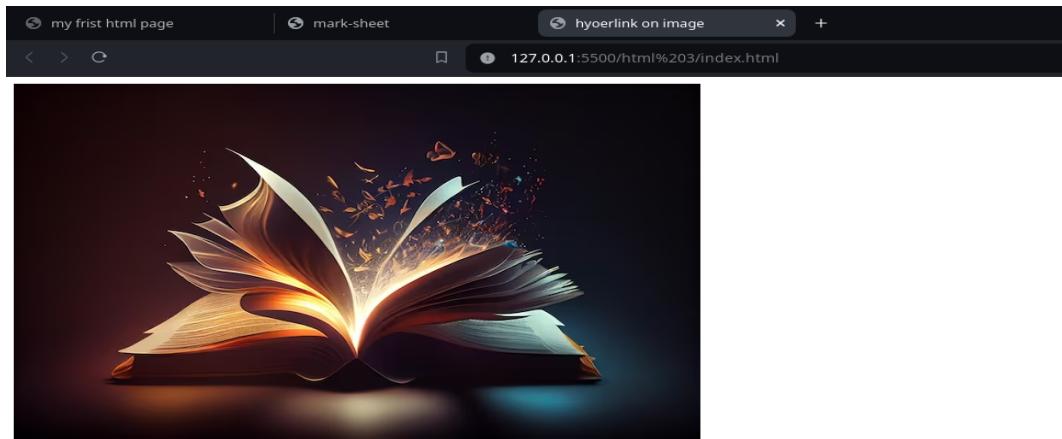
```
<html>

<h1>
<title>
    hyperlink on image
</title>
</h1>
<body>
    <a href =https://www.google.com >

        <img src ="https://img.freepik.com/premium-photo/opened-book-with-flying-pages-butterflies-dark-backgroundgenerative-ai_391052-12859.jpg"
            alt="book img">
    </a>
</body>

</html>
```

:OUTPUT:-



Q4.write a code in html to make the definition list .

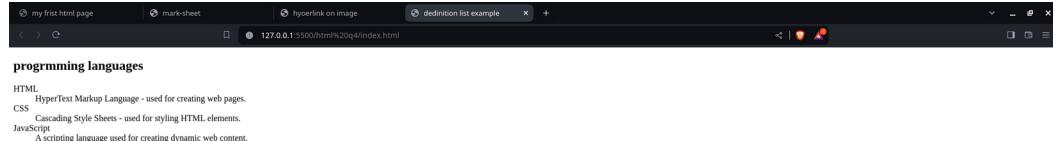
ANSWER:-

-:HTML FILE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>dedinition list example</title>
</head>
<body>

<h2>programm languages</h2>
<dl>
<dt>HTML</dt>
<dd>HyperText Markup Language - used for creating web pages.</dd>
<dt>CSS</dt>
<dd>Cascading Style Sheets - used for styling HTML elements.</dd>
<dt>JavaScript</dt>
<dd>A scripting language used for creating dynamic web content.</dd>
</dl>
</body>
</html>
```

-:OUTPUT:-



Q5.with the help of notepad creates following.

- (a)internal style sheet
- (b)external style sheet

ANSWER:-

- (a)internal style sheet

-:HTML FILE:-

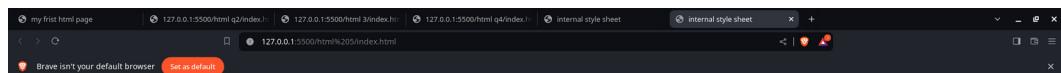
```
<!DOCTYPE html>
<html>
<title>internal style sheet</title>
<style> p{
color: darkslateblue;
}
h1{
color: #262344;
font-size: 40px;
}

</style>
```

```
<body>
<h1>internal css</h1>
<p>this is internal style sheet example</p>
</body>

</html>
```

-:OUTPUT:-



internal css

this is internal style sheet example



(b)external style sheet

-:HTML FILE:-

```
<!DOCTYPE html>

<html>
<head>
<title>external style sheet</title>
<link rel ="stylesheet" href ="style.css">
</head>
<body>
<h1>external css</h1>
<p>this is external style sheet example</p>

</body>

</html>
```

-:CSS FILE:-

```
p{
color: black;
}
h1{
color: saddlebrown;
}
```



Q6.write a code in html to desing a student registration form.

ANSWER:-

-:HTML FILE:-

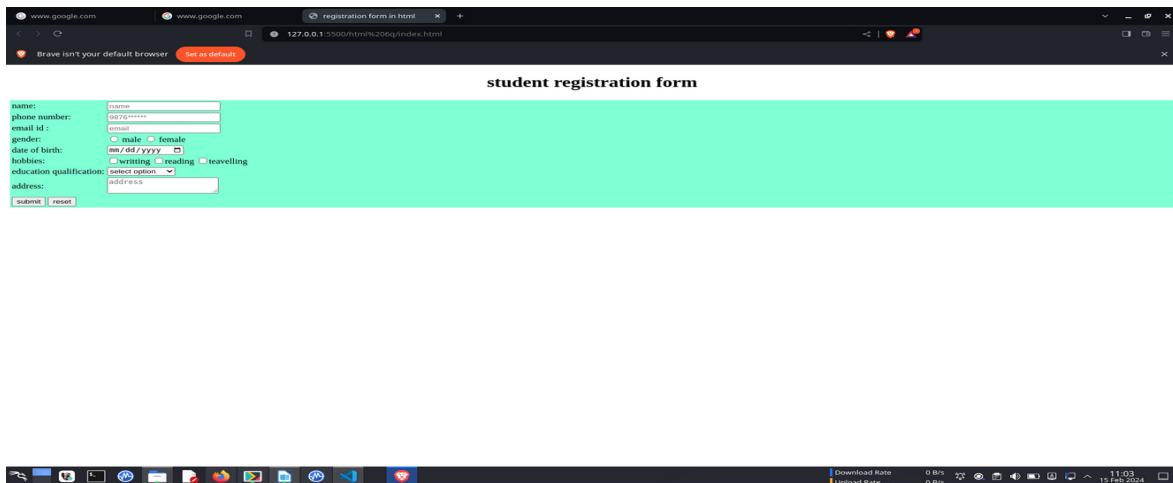
```
<!DOCTYPE html>
<html>
<head>
<title>registration form in html</title>
<style> form{
background-color: aquamarine;
}
</style>
</head>
<body>
<h1 style="text-align:center">student registration form</h1>
<form>
<table>
<tr>
<td>
name:
</td>
<td>
<input type ="text" placeholder="name" >
</td>
</tr>
<tr>
<td>
phone number:
</td>
<td>
<input type="phone" placeholder="9876*****">
</td>
</tr>
<tr>
<td>
email id :
</td>
<td>
<input typ="email" placeholder="email">
</td>
</tr>
<tr>
<td>
gender:
</td>
<td>
<input type="radio" name="gender"> male
```

```
<input type="radio" name="gender"> female
</td>
</tr>
<tr>
<td>
date of birth:
</td>
<td>
<input type ="date">
</td>
</tr>
<tr>
<td>
hobbies:
</td>
<td>
<input type="checkbox" writting>writting
<input type="checkbox" reading>reading
<input type="checkbox" travelling>teavelling
</td>
</tr>
<tr>
<td>
education qualification:
</td>
<td>
<select>
<option>select option </option>
<option>10+2</option>
<option>graduation</option>
<option>postgraduation </option>
</select>
</td>
</tr>
<tr>
<td>
address:
</td>
<td>
<textarea row="6" col="30" placeholder="address"></textarea>
</td>
</tr>
<tr>
<td>
<input type="submit" value ="submit">
<input type="reset" value ="reset">
</td>
</tr>
</table>
```

```
</form>
</body>

</html>
```

-:OUTPUT:-



The screenshot shows a web browser window with the title 'student registration form'. The form contains the following fields:

- name:
- phone number:
- email id:
- gender:
male female
- date of birth:
- hobbies:
 writing reading travelling
- education qualification:
- address:

At the bottom of the form are two buttons: 'submit' and 'reset'.

Q7.write a code in html to desingn a student login form.

ANSWER:-

-:HTML FILE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>student login form</title>
<link rel ="stylesheet" href="style.css">
</head>

<body>
<div class="contain">
<div class ="test">
<h1>login</h1>
<input class="inp1" type="text" placeholder="enter studentname"><BR>
<input class="inp2" type ="password" placeholder="enter password">
<p>forget password?</p>
<button>login</button>
<p>not a member? <span>sign up</span> </p>
</div>
</div>
</body>
```

</html>

-:CSS FILE:-

```
*{  
margin: 0%;  
padding: 0%;  
}  
body{  
background-image: url("fda.jpg");  
background-size: 100% 740px;  
}  
  
.test{  
width: 300px;  
height: 400px;  
background-color: black;  
text-align: center;  
color: white;  
margin-left: 35%;  
margin-top: 15%;  
}  
.contain .text{  
  
position: relative;  
top:7%;  
}  
.inp1{  
border: none;  
background-color: black;  
border-bottom :3px solid white ;  
width : 258px;  
font-size:20px;  
margin-top: 60px;  
outline:none;  
color: white;  
}  
  
.inp2{  
border: none;  
background-color: black;  
border-bottom :3px solid white ;  
width : 258px;  
font-size:20px;  
margin-top: 60px;  
outline:none;  
color: white;
```

```
}
```

```
.test button{
```

```
width: 250px;
```

```
height: 44px;
```

```
background-color: aqua;
```

```
color: black;
```

```
border: none;
```

```
font-size: 22px;
```

```
border-radius: 23px;
```

```
margin-top: 20px;
```

```
}
```

```
button:hover{
```

```
border: 3px solid aqua;
```

```
color: white;
```

```
font-size: 20px;
```

```
background-color: black;
```

```
}
```

```
p{
```

```
margin-top: 30px;
```

```
font-size: 20px;
```

```
}
```

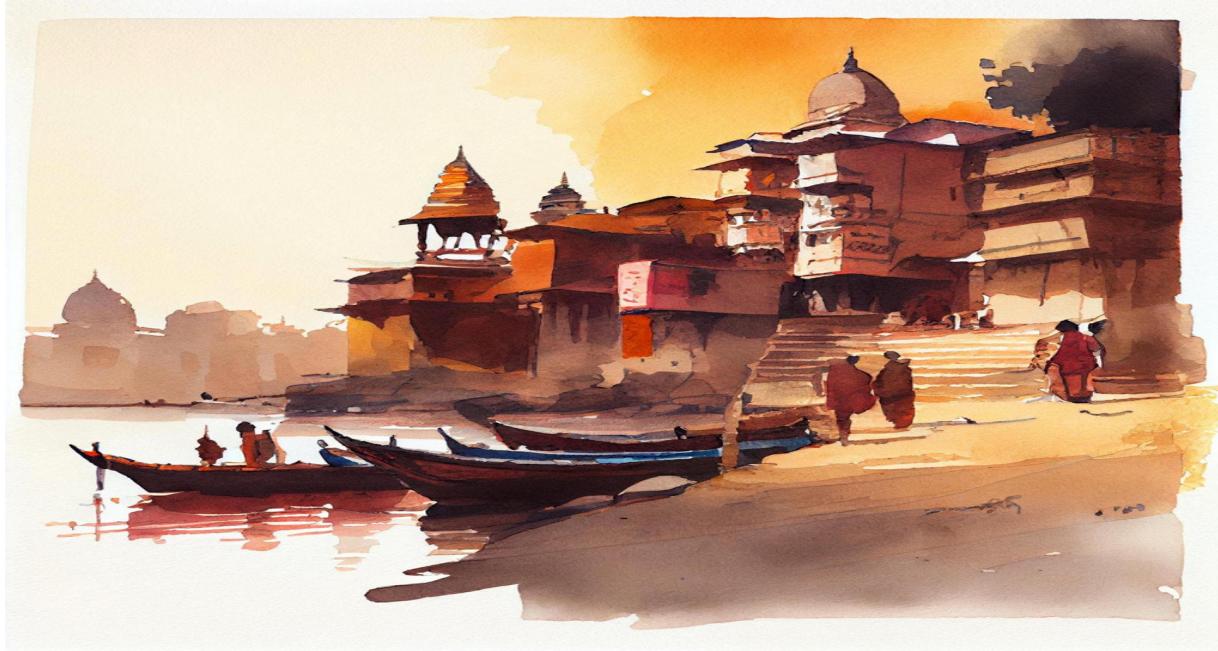
```
p span{
```

```
color: aqua;
```

```
}
```

OUTPUT:-

FILENAME :- fda.jpg



Brave isn't your default browser [Set as default](#)

127.0.0.1:5500/html%20q7/index.html

registration for
www.google.co
my first html.p
student log
+ ...

Assignment-2

Q1. Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference, and quotient.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Simple Calculator</title>
  <link rel="stylesheet" href="Style.css">
</head>
<body>
  <form name="myForm">
    <h1 class="heading">Simple Calculator</h1>
    <table align="center">
      <tr>
        <th colspan="4"><input
          Type="text" name="expression" id="screen" readonly="readonly" placeholder="0">
        </th></tr>
      <tr>
        <td><input type="button" value="1" onclick="myForm.expression.value+=1"/></td>
        <td><input type="button" value="2" onclick="myForm.expression.value+=2"/></td>
        <td><input type="button" value="3" onclick="myForm.expression.value+=3"/></td>
        <td><input type="button" value="+" onclick="myForm.expression.value+=+"/></td></tr>
      <tr>
        <td><input type="button" value="4" onclick="myForm.expression.value+=4"/></td>
        <td><input type="button" value="5" onclick="myForm.expression.value+=5"/></td>
        <td><input type="button" value="6" onclick="myForm.expression.value+=6"/></td>
        <td><input type="button" value="-" onclick="myForm.expression.value+=-"/></td></tr>
      <tr>
        <td><input type="button" value="7" onclick="myForm.expression.value+=7"/></td>
        <td><input type="button" value="8" onclick="myForm.expression.value+=8"/></td>
        <td><input type="button" value="9" onclick="myForm.expression.value+=9"/></td>
        <td><input type="button" value="*" onclick="myForm.expression.value+=*"/></td></tr>
      <tr>
        <td><input type="button" value="=" onclick="myForm.expression.value=eval(myForm.expression.value)"/></td>
        <td><input type="button" value="0" onclick="myForm.expression.value+=0"/></td>
        <td><input type="button" value="/" onclick="myForm.expression.value+=/"/></td>
        <td><input type="button" value="." onclick="myForm.expression.value+=.+"/></td></tr>
      <tr>
        <td colspan="4"><input type="button" value="CLEAR" class="equal"
          onclick="myForm.expression.value=''"></td></tr>
    </table>
```

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

-:CSS File:-

```
body{
    margin: 10px;
    background:linear-gradient(55deg,red,blue);
}
table{
    border: 2px solid black;
    padding :20px;
    background:black;
}
.heading{
    Color: white;
    Text-align:center;
}
#screen{
    Margin-left:-40px;
    Height:80px;
    Width:93%;
    Text-align:right;
}
Input{
    Margin:0px 0 0 3px;
    Width:100px;
    Height:80px;
    Font-size:50px;}
    Input:hover{
        Border:3px solid white;
    }
.equal{width:93%;}
```

Q2. Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting value in an HTML table format.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Squre and Cubes</title>
  <link rel="stylesheet" href="Mystyle.css">
<script src="myscript.js"></script>
</head>
<body>
<div id="container">
  <h2>Let us calculate square and cube from 0 to 10</h2>
  <table id="tbl" border="1" cellspacing="0">
    <tr><th>Numbers</th><th>Square</th><th>cube</th></tr>
    <tr><td>0</td><td></td><td></td></tr>
    <tr><td>1</td><td></td><td></td></tr>
    <tr><td>2</td><td></td><td></td></tr>
    <tr><td>3</td><td></td><td></td></tr>
    <tr><td>4</td><td></td><td></td></tr>
    <tr><td>5</td><td></td><td></td></tr>
    <tr><td>6</td><td></td><td></td></tr>
    <tr><td>7</td><td></td><td></td></tr>
    <tr><td>8</td><td></td><td></td></tr>
    <tr><td>9</td><td></td><td></td></tr>
    <tr><td>10</td><td></td><td></td></tr>
  </table>
  <button id="calc" onclick="square()">Calculate</button></div>
</body>
</html>
```

-:CSS File:-

```
body{
  padding: 20px;
  background: linear-gradient(135deg, orange 60%, cyan);
}

#container{
  Margin:2% 0px 0px 30%;
  Height:70%;
}

H2{margin-left:6%}

#tbl{
  Height:90%
```

```

Border-radius:10px;
Width:60%
Background-color:white;
}

tb{
font-weight:bold;
text-align:center;
height:35px;
}

Button{
Padding:10px;
Font-size:20px;
Margin:20px 0px 0px 25%;
Color:white;
Background:black;
Border-radius:10px;}
Button:hover{
Color:black;
Background:blue;}

```

-:Script:-

```

function square()
{
    var table=document.getElementById("tbl");
    for(let i=1;i

```

Q3. Write a program to the simple calculator using the window application.

-:HTML File:-

```
<html>
<head>
    <title>Window calculator</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
<h1>CALCULATOR</h1>
<div class="container">
    <input type="text" readonly="readonly" id="screen" placeholder="0">
    <button class="number" onclick="show('7')>7</button>
    <button class="number" onclick="show('8')>8</button>
    <button class="number" onclick="show('9')>9</button>
    <button class="symbol" onclick="wipe()>AC</button>
    <button class="number" onclick="show('4')>4</button>
    <button class="number" onclick="show('5')>5</button>
    <button class="number" onclick="show('6')>6</button>
    <button class="symbol" onclick="show('+')>+</button>
    <button class="number" onclick="show('1')>1</button>
    <button class="number" onclick="show('2')>2</button>
    <button class="number" onclick="show('3')>3</button>
    <button class="symbol" onclick="show('-')>-</button>
    <button class="number" onclick="show('0')>0</button>
    <button class="symbol" onclick="show('*')>*</button>
    <button class="symbol" onclick="show('/')>/</button>
    <button class="symbol" id="symbol" onclick="calc('=')>=</button>
</div>
<script src="javascript.js"></script>
</body>
</html>
```

-:CSS File:-

```
body{
    background-color:skyblack; }
h1{
    padding:26px;
    color:white;
    text-align:center;}
.Container{
    background:grey;
    border:3px solid black;
    border-radius:10px;
    width:450px;
    margin:10vh auto 0 auto;
```

```

        Box-shadow:0px 0px 50px 20px rgba(153,153,153,0.9);}
#screen{
    Margin:9px 5px 7px 8px;
    Border-radius:10px;
    Width:95%
    Border:0.4px solid black;
    Text-align:right;
    Height:70px;
    Line-height:90px;
    Padding:16px 8px;
    font-size:30px; }

.number,
.symbol
{ border:0;
    Border-radius:50% 10%;
    Width:90px;
    Font-size:24px;
    Height:40px;
    Margin:10px 3px 12px 13px;
    Curser:pointer; }

.symbol{
    Background-color:#ff105e;
    Color:white; }

.symbol:hover{
    Border:2px solid white;
    Background-color:blue;
    Color:white;
    Transition:0.2s; }

.number:hover{
    Border:2px solid white;
    Transition:0.3s;
    Background-color:black;
    Color:white; }

```

-:Script:-

```

Let display=document.getElementById('screen');
const wipe=()=>{
    display.value='';}
const show=(n)=>{
    display.value+=n; }
const calc={}=>{
    display.value=eval{(display.value);}

```

Q4. Write a code in Java Script calculates the factorial.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Calculate factorial</title>
</head>
<body>
<div id="container">
<h1>Let us Calculate factorial!</h1>
    <input type="text" id="num" placeholder="Enter number"><br>
    <button onclick="fact()">Calculate</button>
    <p id="para"></p></div>
</body>
</html>
```

-:CSS File:-

```
Body{
    Background:linear-gradient(0.25turn,#3f87a6,#ebf8e1,#f69d3c);}
#container{
    Text-align:center;
    Margin:17%;}
#num{Border-radius:6px;
    Height:40px;
    Width:30%;
    Margin:10px;
    Font-size:20px;
    Text-align:center;}
Button{Background:blue;
    Padding:10px;font-size:20px;
    Color:white;
    Border-radius:10px;
    Cursor:pointer;}
#para{Font-size:30px;}
```

-:Script:-

```
function fact(){
    var I,num,f;
    f=1;
    num=document.getElementById("num").value;
    for(i=1;i<=num;i++)
    {f=f*I;}
    i=i-1
    document.getElementById("para").innerHTML="The factorial of "+i+" is: "+f;}
```

Q5. Design a web page showing use of prompt dialog box and confirm dialog box.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Prompt box</title>
  <script src="myscript.js"></script>
  <style>
    Body{background:linear-gradient(35deg,red 20%,white);
         Text-align:center;}
    Button{
      Font-size:50px;
      Background-color:blue;
      Border-radius:10px;}
  </style>
</head>
<body>
<button onclick="myf()">start</button>
</body>
</html>
```

-:Script:-

```
function myf(){
  var name=prompt("Enter your name:");
  callconfirm(name);}
function callconfirm(name){
  var check=confirm("Confirm your name:"+name);
  (check)?document.write("<br>Welcome <br>"+name):myf();}
```

Q6.Design a web page to change image on mouse over and out.

-:HTML File:-

```
<html>
<head>
    <title>Image over and Image out</title>
    <link rel="stylesheet" href="style.css">
<script src="javascript.js"></script>
</head>
<body>
<center>
<h1>This is Image Over and Image Out</h1>

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

-:CSS File:-

```
Body{
    Background:linear-gradient(45deg,red,blue);}
H1{
    Color:white;}
#img{
    Border-radius:20px;
    Width:60%;
    Border:5px solid cyan;}
```

-:Script:-

```
function OverImage(){
    document.getElementById("img").src="sumit-khowal-photo.jpg";}
function OutImage(){
    document.getElementById("img").src="out2.jpeg";}
```

Q7. Design a web page to change text on mouse over and out.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>text change on mouse over and out</title>
  <script src="javascript.js"></script>
  <link rel="stylesheet" href="mystyle.css">
</head>
<body >
  <p id="para" OnMouseOver="Overttext(this)" OnMouseOut="Outtext(this)">If you take your
  mouse on me then you know how the function work</p>
</body>
</html>
```

-:CSS File:-

```
Body{
  Background-color:grey;}
#para{
  Margin-top:100px;
  Background-color:tomato;
  Text-align:center;
  Font-size:300%;}
```

-:Script:-

```
function Overttext(o){
o.innerHTML="This is the change on Mouse Over and Out on the text"
function Outtext(o){
o.innerHTML="Take your Mouse on me to see the change"}
```

Q8. Make a Login form using JavaScript and Validate two text fields.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Validation</title>
  <link rel="Stylesheet" href="mystyle.css">
  <script src="javascript.js"></script>
</head>
<body>
  <div id="container">
    <form>
      <h2>Signup</h2>
      <label>Username:</label><br>
      <input type="text" id="un" placeholder="Enter username" required><br>
      <label>Password:</label><br>
      <input type="Password" name="Password" placeholder="Enter Password" required><br>
      <label>Confirm Password:</label><br>
      <input type="Password" name="Confirm-Password" placeholder="Confirm Password" required><br>
      <label>Mobile no.</label>
      <input type="text" placeholder="Enter your mob.no"><br>
      <label>Gmail:</label>
      <input type="text" placeholder="fill gmail"><br>
      <button onclick="validate(form)">Login</button>
      <button>Reset</button>
    </form>
  </div>
</body>
</html>
```

-:CSS File:-

```
Body{
  Background-color:lightgray;
  Color:white;}

#container{
  Width:280px;
  Height:350px;
  Margin:100px auto 0px auto;
  Border:1px solid black;
  Background-color:black;
  Box-shadow:10px 20px;
  Opacity:70%;
  Border-radius:10px;}

#container:hover{
```

```

        Opacity:100%}

Form{
    Font-weight:bold;
    Margin:10px 0 0 20px;}

H2{
    Text-align:center;}

Input{
    Height:26px;
    Width:206px;
    Margin-left:20px;
    Border-radius:10px;}

Button{
    Border:0px;
    Border-radius:10px;
    Margin:15px 0 0 40px;
    Padding:4px;
    Font-weight:bold;
    Background-color:pink;
    Color:black;
    Box-shadow:2px 5px gray;}

Button:hover{
    Background-color:blue;
    Color:white;transition:0.7s;}
```

-:Script:-

```

function validate(form){
var e=form.elements;
if(e['password'].value!=e['confirm-password'].value){
alert('Password do not match');
return false;}
alert('Password match');
return true;
var check=true;
if(document.getElementById("un").value=="")
{alert("Username can't be empty!");
Check=false;}}
```

Q9.Design a web page to get the coordinates of curser.

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<title></title>
<link rel="stylesheet" href="mystyle.css">
<script src="javascript.js"></script>
</head>
<body>
<h1>"Move your mouse pointer in the field to see the X and Y co-ordinates"</h1>
<div id="coordiv" width="600" height="410">
<rect onmousemove="myf(event)"/></div>
<p id="para1">Co-ordinates of X and Y</p>
</body>
</html>
```

-:CSS File:-

```
Body{
    Background:linear-gradient(#e66465,#9198e5);}
#coordiv{
    Margin:0% 28%;
    Cursor:pointer;
    Border:2px solid black;}
#para1{
    Font-size:30px;
    Color:white;
    Text-align:center;}
H1{
    Color:white;
    Text-decoration:underline;
    Text-align:center;}
Rect{
    Fill:cyan;
    Width:100%;
    Height:100%}
```

-:Script:-

```
function myf(event){
x=event.clientX;
y=event.clientY;
c=<h2>Coordinates:(“+x+”, “+y+”)</h2>”;
document.getElementById(“para1”).innerHTML=c;}
```

Q10.Using Java Script do the following operations.

(a)On Click:-

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>On Click</title>
<script>
function myf(){
document.getElementById("para").innerHTML=<h1>THIS IS ONCLICK EVENT</h1>};
</script>
</head>
<body>
  <button onclick="myf()">Click on me</button>
<p id="para"></p>
</body>
</html>
```

(a)On Load:-

-:HTML File:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>OnLoadPage</title>
<script>
function myf(){
alert("please wait Page is loaded");
}
</script>
</head>
<body OnLoad="myf()">
  <h1 align="center">THIS IS ONLOAD FUNCTION!</h1>
</body>
</html>
```

Assignment - 3

Q1. Create a Webform in ASP.NET using following fields.

- a) First Name
- b) Last Name
- c) UserName
- d) Password
- e) Confirm Password
- f) Gender
- g) DOB
- h) Mobile No.
- i) Security question
- j) Answer
- k) Location
- l) Terms and Conditions

Ans:

```
<!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></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <table align="center" cellpadding="10">
                <tr>
                    <td class="style2">
                        <asp:Label ID="Label1" runat="server" Text="First Name"></asp:Label>
                    </td>
                </tr>
            </table>
        </div>
    </form>
</body>
</html>
```

```
<td class="style3">
  <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
</td>
</tr>

<tr>
  <td class="style1">
    <asp:Label ID="Label2" runat="server" Text="Last Name"></asp:Label>
  </td>
  <td>
    <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
  </td>
</tr>

<tr>
  <td class="style1">
    <asp:Label ID="Label3" runat="server" Text="UserName"></asp:Label>
  </td>
  <td>
    <asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
  </td>
</tr>

<tr>
  <td class="style1">
    <asp:Label ID="Label4" runat="server" Text="Password"></asp:Label>
  </td>
  <td>
    <asp:TextBox ID="TextBox4" TextMode="Password" runat="server" ></asp:TextBox>
  </td>
</tr>
```

```

</tr>

<tr>

<td class="style1">

<asp:Label ID="Label5" runat="server" Text="Confirm Password" ></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox5" TextMode="Password" runat="server"></asp:TextBox>

</td>

</tr>

<tr>

<td class="style1">

<asp:Label ID="Label6" runat="server" Text="Gender"></asp:Label>

</td>

<td>

<asp:DropDownList ID="DropDownList1" runat="server">

<asp:ListItem>MALE</asp:ListItem>

<asp:ListItem>FEMALE</asp:ListItem>

<asp:ListItem>OTHER</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

<tr>

<td>

<asp:Label ID="Label7" runat="server" Text="DOB" ></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox6" TextMode="Date" runat="server"></asp:TextBox>

```

```
</td>
</tr>
<tr>
<td>
<asp:Label ID="Label8" runat="server" Text="Mobile No." ></asp:Label>
</td>
<td>
<asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td>
<asp:Label ID="Label9" runat="server" Text="Security Question" ></asp:Label>
</td>
<td>
<asp:TextBox ID="TextBox8" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
<td class="style3">
<asp:Label ID="Label10" runat="server" Text="Answer"></asp:Label>
</td>
<td class="style3">
<asp:TextBox ID="TextBox9" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
```

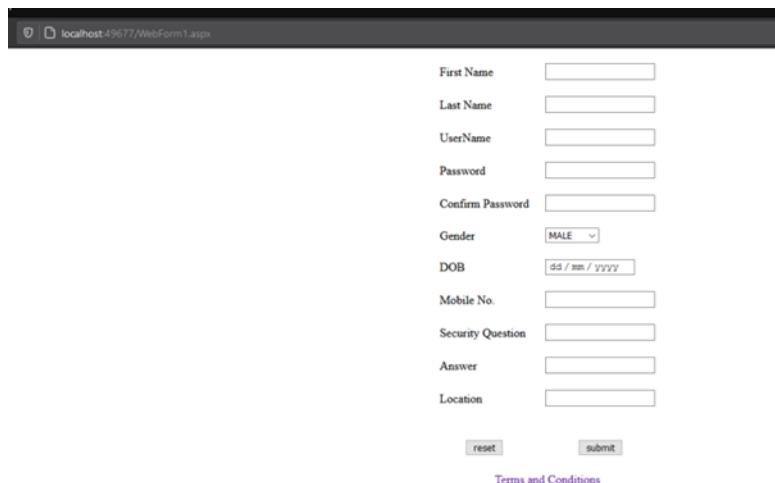
```

<td>
  <asp:Label
    ID="Label11"
    runat="server"
    Text="Location"
  ></asp:Label>
</td>
<td>
  <asp:TextBox ID="TextBox10" runat="server"></asp:TextBox>
</td>
</tr>
<tr>
  <td></td>
  <td></td>
</tr>
<tr align="center">
  <td>
    <asp:Button ID="Button4" runat="server" Text="reset" />
  </td>
  <td>
    <asp:Button ID="Button3" runat="server" Text="submit" />
  </td>
</tr>
<tr align="center">
  <td colspan="2">
    <asp:HyperLink ID="HyperLink1" runat="server" NavigateUrl="~/Terms and Conditions.txt"
      >Terms and Conditions</asp:HyperLink>
  </td>
</tr>

```

```
</td>  
</tr>  
</table>  
</div>  
</form>  
</body>  
</html>
```

Output :



localhost:49677/WebForm1.aspx

First Name

Last Name

UserName

Password

Confirm Password

Gender

DOB

Mobile No.

Security Question

Answer

Location

[Terms and Conditions](#)

Q2.Create a website which validates the above designed webform using the validation control:

- a. Required Field Validation
- b. Range Validation
- c. Compare Validation
- d. Regular Expression
- e. Custom Validation
- f. Summary Validation.

Ans:

```
<!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></title>  
  
</head>  
  
<body>  
    <form id="form1" runat="server">  
        <div>  
            <table align="center" cellpadding="10">  
                <tr>  
                    <td class="style2">  
                        <asp:Label ID="Label1" runat="server" Text="First Name"></asp:Label>  
                    </td>  
                    <td class="style3">  
                        <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
    ErrorMessage="name is required" ForeColor="#FF5050" ControlToValidate="TextBox1"
    Display="Dynamic" SetFocusOnError="True"></asp:RequiredFieldValidator>

<asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
    ControlToValidate="TextBox1" Display="Dynamic" ErrorMessage="can't enter number"
    ForeColor="Red" ValidationExpression="^[a-zA-Z'\s]{1,50}">
</asp:RegularExpressionValidator>

</td>
</tr>

<tr>
<td class="style1">
    <asp:Label ID="Label2" runat="server" Text="Last Name"></asp:Label>
</td>

<td>
    <asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
        ErrorMessage="last name is required" ForeColor="Red" ControlToValidate="TextBox2">
    </asp:RequiredFieldValidator>

    <asp:RegularExpressionValidator ID="RegularExpressionValidator3" runat="server"
        ControlToValidate="TextBox2" Display="Dynamic" ErrorMessage="can't enter number"
        ForeColor="Red" ValidationExpression="^[a-zA-Z'\s]{1,50}">
    </asp:RegularExpressionValidator>
</td>

```

```

</tr>

<tr>
<td class="style1">
<asp:Label ID="Label3" runat="server" Text="UserName"></asp:Label>
</td>

<td>
<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ErrorMessage="username is required" ForeColor="#FF3300" ControlToValidate="TextBox3"
></asp:RequiredFieldValidator>
</td>
</tr>

<tr>
<td class="style1">
<asp:Label ID="Label4" runat="server" Text="Password"></asp:Label>
</td>

<td>
<asp:TextBox ID="password" TextMode="Password" runat="server"></asp:TextBox>
<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ErrorMessage="password is required" ForeColor="#FF3300" ControlToValidate="password"
></asp:RequiredFieldValidator>

<asp:CustomValidator ID="CustomValidator1" runat="server"

```

```

ClientValidationFunction="test_str" ErrorMessage="CustomValidator"
onservervalidate="CustomValidator1_ServerValidate" ForeColor="Red">
</asp:CustomValidator>
</td>
</tr>

<tr>
<td class="style1">
<asp:Label ID="Label5" runat="server" Text="Confirm Password" ></asp:Label>
</td>

<td>
<asp:TextBox ID="confirm_password" TextMode="Password" runat="server">
</asp:TextBox>

<asp:CompareValidator ID="CompareValidator1" runat="server"
ErrorMessage="password don't match" ControlToCompare="password"
ControlToValidate="confirm_password" Display="Dynamic" SetFocusOnError="True" >
</asp:CompareValidator>
</td>
</tr>

<tr>
<td class="style1">
<asp:Label ID="Label6" runat="server" Text="Gender"></asp:Label>
</td>

```

```

<td>

<asp:DropDownList ID="DropDownList1" runat="server">

<asp:ListItem>MALE</asp:ListItem>

<asp:ListItem>FEMALE</asp:ListItem>

<asp:ListItem>OTHER</asp:ListItem>

</asp:DropDownList>

</td>

</tr>

<tr>

<td>

<asp:Label ID="Label7" runat="server" Text="DOB"></asp:Label>

</td>

<td>

<asp:TextBox ID="TextBox6" TextMode="Date" runat="server" ></asp:TextBox>

<asp:RangeValidator ID="RangeValidator1" runat="server" ControlToValidate="TextBox6"
ErrorMessage="AGE NOT IN RANGE" Type="Date" ></asp:RangeValidator>

</td>

</tr>

<tr>

<td>

<asp:Label ID="Label8" runat="server" Text="Mobile No." ></asp:Label>

</td>

```

```

<td>
<asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="TextBox7" ErrorMessage="mobile no. not valid"
ValidationExpression="^([6-9]{1})([0- 9]{9})$" ></asp:RegularExpressionValidator>
</td>
</tr>
<tr align="center">
<td>
<asp:Button ID="Button4" runat="server" Text="reset" />
</td>
<td>
<asp:Button ID="Button3" runat="server" Text="submit" onclick="Button3_Click"/>
</td>
</tr>

<tr align="center">
<td colspan="2">
<asp:ValidationSummary ID="ValidationSummary1" runat="server" />
</td>
</tr>
</table>
</div>
</form>
<p>&nbsp;</p>
</body>
</html>

```

Cs file :

```
using System;

using System.Collections.Generic; using System.Linq;

using System.Web; using System.Web.UI;

using System.Web.UI.WebControls; namespace as2_q2{

public partial class WebForm1 : System.Web.UI.Page{

protected void Page_Load(object sender, EventArgs e){

RangeValidator1.MinimumValue = DateTime.Now.AddYears(-45).ToString();

RangeValidator1.MaximumValue = DateTime.Now.AddYears(-18).ToString();

}

public static bool storng_password(string text){

bool hasUpper = false; bool hasLower = false; bool hasDigit = false,int8=false; int count=0;

for (int i = 0; i < text.Length && !(hasUpper && hasLower && hasDigit); i++){

char c = text[i]; count++;

if (!hasUpper) hasUpper = char.IsUpper(c); if (!hasLower) hasLower = char.IsLower(c); if (!hasDigit)

hasDigit = char.IsDigit(c);

}

if (count>=8){ int8 = true; }

return hasUpper && hasLower && int8;

}

public static bool hasSpecialChar(string input){

string specialChar = @"\|!#$%&/()=?»«@£$€{.-';<>_"; foreach (var item in specialChar){

if (input.Contains(item)) return true; }

return false;

}

}
```

```

protected void CustomValidator1_ServerValidate(object source, ServerValidateEventArgs args){

bool test2 = hasSpecialChar(password.Text); bool test= storng_password(password.Text); if (test ==
true && test2==true){

args.IsValid = true;

}

else{

args.IsValid = false;

CustomValidator1.ErrorMessage = "password dos't meet requierment";}

}

protected void Button3_Click(object sender, EventArgs e){}}

```

Output :

localhost:49678/WebForm1.aspx

First Name	<input type="text"/>	name is required
Last Name	<input type="text"/>	last name is required
UserName	<input type="text"/>	username is required
Password	<input type="password" value="*****"/>	password dos't meet requierment
Confirm Password	<input type="text"/>	
Gender	<input type="button" value="MALE"/>	
DOB	<input type="text" value="dd / mm / YYYY"/>	
Mobile No.	<input type="text"/>	
<input type="button" value="reset"/> <input type="button" value="submit"/>		
<ul style="list-style-type: none"> • name is required • last name is required • uscmamec is required • password dos't meet requierment 		

Q3.Create a Webform to retrieve data from one Webform and display it to another webform.

Ans:

```
<!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></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<table align="center">

<tr>

<td>

<asp:Label ID="Label1" runat="server" Text="username"></asp:Label>

</td>

<td>

<asp:TextBox ID="user" runat="server"></asp:TextBox>

</td>

</tr>

<tr>

<td>

<asp:Label ID="Label2" runat="server" Text="password"></asp:Label>

</td>

<td>
```

```

<asp:TextBox ID="password" runat="server"></asp:TextBox>

</td>
</tr>

<tr>
<td>

<asp:Button ID="Button2" runat="server" Text="reset" onclick="Button2_Click" />

</td>
<td>

<asp:Button ID="Button1" runat="server" Text="login" onclick="Button1_Click" />

</td>
</tr>
</table>

</div>
</form>
</body>
</html>

```

File- login.aspx.cs using System;

```

using System.Collections.Generic; using System.Linq;
using System.Web; using System.Web.UI;
using System.Web.UI.WebControls; namespace as2_q3{
public partial class login : System.Web.UI.Page{
protected void Page_Load(object sender, EventArgs e){}
protected void Button1_Click(object sender, EventArgs e){
string url; url="~/validation.aspx"; Server.Transfer(url);}
protected void Button2_Click(object sender, EventArgs e){
password.Text = user.Text = " ";}}}

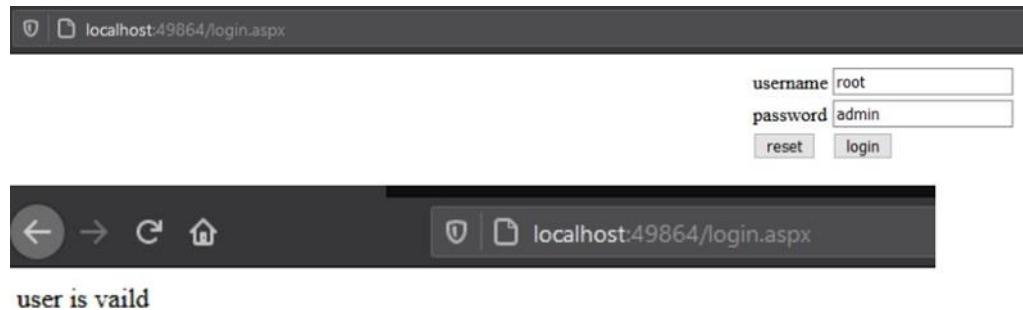
```

```

File- Validation.aspx using System;
using System.Collections.Generic; using System.Linq;
using System.Web; using System.Web.UI;
using System.Web.UI.WebControls; namespace as2_q3{
public partial class success : System.Web.UI.Page{
protected void Page_Load(object sender, EventArgs e){
string user, pass; user=Request.Form["user"];
pass=Request.Form["password"];
if (user == "root" && pass == "admin"){
Response.Write("user is valid");
}
else
Response.Write("user not valid");
}}}

```

Output :



Q4.Design a web form to save file into the upload folder using File Upload control and display the following information of uploaded file (a. Name of file b. Type of file c. Size of file).

Ans:

```
<!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></title>  
  
</head>  
  
<body>  
  
<form id="form1" runat="server">  
  
<div>  
  
<asp:FileUpload ID="FileUpload1" runat="server" />  
  
<asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="upload" />  
  
</div>  
  
<asp:Label ID="Label1" runat="server"></asp:Label>  
  
<br />  
  
<br />  
  
<asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>  
  
<br />  
  
</form>  
  
</body>  
  
</html>
```

File- upload.aspx.cs

```
using System; using System.Text;
using System.Collections.Generic;
using System.Linq; using System.Web; using System.Web.UI;
using System.Web.UI.WebControls; namespace as2_q6
{
    public partial class upload : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            Label1.Visible = false;
            Label2.Visible = false;
        }

        protected void Button1_Click(object sender, EventArgs e){
            string filename;
            String savePath = @"C:\Users\hack_this\Desktop\upload\"; filename = FileUpload1.FileName;
            if (FileUpload1.HasFile){
                try{
                    Label1.Visible = true;
                    Label1.Text=" Uploading file:" + filename;
                    //saving the file
                    FileUpload1.SaveAs(savePath + filename); Label1.Visible = false;
                    //Showing the file information Label2.Visible = true;
                    Label2.Text = " filename is :" + FileUpload1.PostedFile.FileName; Label2.Text += "<br/> File type:" +
                    FileUpload1.PostedFile.ContentType;
                    Label2.Text += "<br/> File length:" + FileUpload1.PostedFile.ContentLength + "byte's";
                    Label2.Text += "<br/> File name:" + FileUpload1.PostedFile.FileName;
                }
            }
        }
    }
}
```

```
}

catch (Exception ex){

Label1.Visible = true; Label2.Visible = false; Label1.Text=<br/> Error <br/>;

Label1.Text +=="Unable to save file <br/>" + ex.Message;

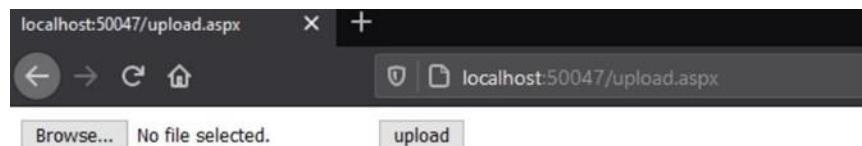
} }

else{

Label2.Visible = true;

}}}}
```

Output :



filename is :as3 ADO assignment.docx
File type:application/vnd.openxmlformats-officedocument.wordprocessingml.document
File length:20609byte's
File name:as3 ADO assignment.docx

Q5. Design a web form which shows the use of Navigation Controls.

Ans:

```
<!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></title>

<asp:ContentPlaceHolder ID="head" runat="server">

</asp:ContentPlaceHolder>

</head>

<body>

<form id="form1" runat="server">

<div></div><div><br />

<asp:SiteMapPath ID="SiteMapPath1" runat="server">

</asp:SiteMapPath>

<br /><br /><br />

<asp:TreeView ID="TreeView1" runat="server">

<Nodes>

<asp:TreeNode Text="india" Value="india">

<asp:TreeNode Text="UtterPradesh" Value="UtterPradesh">

<asp:TreeNode Text="ayodhya" Value="ayodhya"></asp:TreeNode>

<asp:TreeNode Text="Kanpur" Value="Kanpur"></asp:TreeNode>

</asp:TreeNode>

<asp:TreeNode Text="Bihar" Value="Bihar"></asp:TreeNode>

<asp:TreeNode Text="Delhi" Value="Delhi"></asp:TreeNode>
```

```

<asp:TreeNode Text="Kashmir" Value="Kashmir"></asp:TreeNode>
<asp:TreeNode Text="Mumbai" Value="Mumbai"></asp:TreeNode>
<asp:TreeNode Text="Rajasthan" Value="Rajasthan">
<asp:TreeNode Text="Jodhpur" Value="Jodhpur"></asp:TreeNode>
<asp:TreeNode Text="Jaipur" Value="Jaipur"></asp:TreeNode>
<asp:TreeNode Text="alvaer" Value="alvaer"></asp:TreeNode>
<asp:TreeNode Text="Bikaner" Value="Bikaner"></asp:TreeNode>
</asp:TreeNode>
</asp:TreeNode>
</Nodes>
</asp:TreeView>
<asp:Menu ID="Menu1" runat="server">
<Items>
<asp:MenuItem Text="Country" Value="Country">
<asp:MenuItem NavigateUrl="~/india.aspx" Text="India" Value="India">
<asp:MenuItem NavigateUrl="~/Delhi.aspx" Text="Delhi" Value="Delhi">
</asp:MenuItem>
<asp:MenuItem NavigateUrl="~/Rajasthan.aspx" Text="Rajasthan" Value="Rajasthan">
</asp:MenuItem>
<asp:MenuItem NavigateUrl="~/Bihar.aspx" Text="Bihar" Value="Bihar">
</asp:MenuItem>
</asp:MenuItem>
<asp:MenuItem NavigateUrl="~/Us.aspx" Text="Us" Value="Us"></asp:MenuItem>
<asp:MenuItem NavigateUrl="~/Japan.aspx" Text="Japan" Value="Japan">
</asp:MenuItem>
<asp:MenuItem NavigateUrl="~/Rasia.aspx" Text="Rasia" Value="Rasia">
</asp:MenuItem>

```

```

</asp:MenuItem>
</Items>
</asp:Menu>
<br /><br /><br /></div>

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
<p>&nbsp;</p>
</asp:ContentPlaceHolder>
</form>
</body>
</html>

```

File- XML

```

<?xml version="1.0" encoding="utf-8" ?>
<application>
<homepage title="Country" value="default.aspx">
<page title ="INDIA" value="default.aspx">
<subpage title ="up" value="default.aspx"/>
<subpage title ="delhi" value="default.aspx"/>
<subpage title ="mumbai" value="default.aspx"/>
<subpage title ="kolkata" value="default.aspx"/>
</page>
<page title ="US" value="default.aspx"/>
<page title ="CHNIA" value="default.aspx"/>
<page title ="JAPAN" value="default.aspx"/>
</homepage>
</application>

```

File- webform.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="WebForm1.aspx.cs"
Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
</asp:Content>
```

File- Bihar.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Bihar.aspx.cs"
Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
</asp:Content>
```

File- Delhi.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Delhi.aspx.cs"
Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
</asp:Content>
```

File – India.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="india.aspx.cs"

Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

</asp:Content>
```

File- Japan.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Japan.aspx.cs"

Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

</asp:Content>
```

File- Nav_controls.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="nav_control.aspx.cs"

Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

</asp:Content>
```

File- Rajasthan.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Rajasthan.aspx.cs"
```

```
Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
</asp:Content>
```

File- Rasia.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Rasia.aspx.cs"

Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
</asp:Content>
```

File- us.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="Us.aspx.cs"

Inherits="as2_q10.WebForm1" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content><asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
</asp:Content>
```

File- web.sitemap

```
<?xml version="1.0" encoding="utf-8" ?>

<siteMap xmlns="http://schemas.microsoft.com/AspNet/SiteMap-File-1.0">

<siteMapNode url="~/nav_control.aspx" title="Country" description="">
<siteMapNode url="India.aspx" title="India" description="">
```

```

<siteMapNode url="Delhi.aspx" title="Delhi" description="" />
<siteMapNode url="Rajasthan.aspx" title="Rajasthan" description="" />
<siteMapNode url="Bihar.aspx" title="Bihar" description="" />
</siteMapNode>
<siteMapNode url="Us.aspx" title="Us" description="" />
<siteMapNode url="Japan.aspx" title="Japan" description="" />
<siteMapNode url="Rasia.aspx" title="Rasia" description="" />
</siteMapNode>
</siteMap>

```

Output :



[Country](#) > Rasia

```


- india
  - UtterPradesh
    - ayodhya
    - Kanpur
  - Bihar
  - Delhi
  - Kashmir
  - Mumbai
- Rajasthan
  - Jodhpur
  - Jaipur
  - alvaer
  - Bikaner

```

[Country](#) ▾

Q6. Design a web form using calendar control and display the monthly events (Holidays).

Ans:

```
<!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></title>

</head>

<body>

<form id="form1" runat="server">

<div>

<p style="text-align: center">

<b></b>

<asp:Label ID="Label1" runat="server" Font-Bold="True" Font-Names="Arial Black"
FontSize="Medium"
ForeColor="#0066FF">Indian List of Holidays 2021</asp:Label><br /></b>

</p>

<center>

<asp:Calendar ID="Calendar1" runat="server" BackColor="#FFFFCC" BorderColor="#FFCC66"
BorderWidth="1px" Font-Names="Verdana" Font-Size="8pt" ForeColor="#663399"
OnDayRender="Calendar1_DayRender" OnSelectionChanged="Calendar1_SelectionChanged"
OnVisibleMonthChanged="Calendar1_VisibleMonthChanged" Height="285px" Width="557px"
DayNameFormat="Shortest" ShowGridLines="True">

<SelectedDayStyle BackColor="#CCCCFF" Font-Bold="True" />

<TodayDayStyle BackColor="#FFCC66" ForeColor="White" />

<OtherMonthDayStyle ForeColor="#CC9966" />


```

```

<NextPrevStyle Font-Size="9pt" ForeColor="#FFFFCC" />
<DayHeaderStyle Font-Bold="True" BackColor="#FFCC66" Height="1px" />
<SelectorStyle BackColor="#FFCC66" />
<TitleStyle BackColor="#990000" Font-Bold="True" Font-Size="9pt" ForeColor="#FFFFCC" />
</asp:Calendar>
</center>
<br />
<b></b>
<asp:Label ID="LabelAction" runat="server"></asp:Label><br />
</b>
</div>
<p>
&nbsp;
</p>
</form>
</body>
</html>

```

File- Calendar.aspx.cs

```

using System;
using System.Configuration; using System.Data;
using System.Linq; using System.Web;
using System.Web.Security; using System.Web.UI;
using System.Web.UI.HtmlControls; using System.Web.UI.WebControls;
using System.Web.UI.WebControls.WebParts; using System.Xml.Linq;
using System.Collections; namespace Assignment2{
public partial class calender : System.Web.UI.Page{

```

```

Hashtable HolidayList;

protected void Page_Load(object sender, EventArgs e){

HolidayList = Getholiday();

Calendar1.FirstDayOfWeek = FirstDayOfWeek.Sunday; Calendar1.NextPrevFormat =
NextPrevFormat.ShortMonth; Calendar1.TitleFormat = TitleFormat.Month;
Calendar1.ShowGridLines = true; Calendar1.DayStyle.Height = new Unit(50);
Calendar1.DayStyle.Width = new Unit(150);

Calendar1.DayStyle.HorizontalAlign = HorizontalAlign.Center; Calendar1.DayStyle.VerticalAlign =
VerticalAlign.Middle; Calendar1.OtherMonthDayStyle.BackColor = System.Drawing.Color.AliceBlue;

}

private Hashtable Getholiday(){

Hashtable holiday = new Hashtable(); holiday["01-01-2022"] = "<br>New Year";

holiday["05-01-2022"] = "<br>Guru Govind Singh Jayanti"; holiday["08-01-2022"] = "<br>Muharam
(Al Hijra)"; holiday["14-01-2022"] = "<br>Pongal";

holiday["26-01-2022"] = "<br>Republic Day"; holiday["22-02-2022"] = "<br>Maha Shivaratri";
holiday["10-03-2022"] = "<br>Milad un Nabi";

holiday["21-03-2022"] = "<br>Holi";

holiday["21-03-2022"] = "<br>Telugu New Year"; holiday["03-04-2022"] = "<br>Ram Navmi";
holiday["07-04-2022"] = "<br>Mahavir Jayanti"; holiday["10-04-2022"] = "<br>Good Friday";
holiday["12-04-2022"] = "<br>Easter";

holiday["14-04-2022"] = "<br>Tamil New Year and Dr Ambedkar Birth Day"; holiday["01-05-2022"] =
"<br>May Day";

holiday["09-05-2022"] = "<br>Buddha Jayanti and Buddha Purnima"; holiday["24-06-2022"] =
"<br>Rath yatra";

holiday["13-08-2022"] = "<br>Krishna Jayanthi"; holiday["14-08-2022"] = "<br>Janmashtami";
holiday["15-08-2022"] = "<br>Independence Day"; holiday["19-08-2022"] = "<br>Parsi New Year";
holiday["23-08-2022"] = "<br>Vinayaka Chaturthi"; holiday["02-09-2022"] = "<br>Onam";

holiday["05-09-2022"] = "<br>Teachers Day"; holiday["21-09-2022"] = "<br>Ramzan"; holiday["27-
09-2022"] = "<br>Ayutha Pooja";

holiday["28-09-2022"] = "<br>Vijaya Dasami (Dusherra)"; holiday["02-10-2022"] = "<br>Gandhi
Jayanti"; holiday["17-10-2022"] = "<br>Diwali & Govardhan Puja"; holiday["19-10-2022"] =
"<br>Bhaidooj";

holiday["02-11-2022"] = "<br>Guru Nanak Jayanti"; holiday["14-11-2022"] = "<br>Children's Day";
holiday["28-11-2022"] = "<br>Bakrid";

```

```
holiday["25-12-2022"] = "<br>Christmas"; holiday["28-12-2022"] = "<br>Muharram"; return holiday;
}

protected void Calendar1_SelectionChanged(object sender, EventArgs e){

LabelAction.Text = "Date changed to :" + Calendar1.SelectedDate.ToShortDateString();

}

protected void Calendar1_VisibleMonthChanged(object sender, MonthChangedEventArgs e){

LabelAction.Text = "Month changed to :" + e.NewDate.ToShortDateString();

}

protected void Calendar1_DayRender(object sender, DayRenderEventArgs e){

if (HolidayList[e.Day.Date.ToShortDateString()] != null){

Literal literal1 = new Literal(); literal1.Text = "<br->"; e.Cell.Controls.Add(literal1); Label label1 = new Label();

label1.Text = (string)HolidayList[e.Day.Date.ToShortDateString()]; label1.Font.Size = new FontUnit(FontSize.Small); e.Cell.Controls.Add(label1);

}}}}
```

Output :

Feb		March					Apr
Su	Mo	Tu	We	Th	Fr	Sa	
28	1	2	3	4	5	6	
7	8	9	10 Milad un Nabi	11	12	13	
14	15	16	17	18	19	20	
21 Telugu New Year	22	23	24	25	26	27	
28	29	30	31	1	2	3 Ram Navmi	
4	5	6	7 Mahavir Jayanti	8	9	10 Good Friday	

Assignment 4

Q1. Jquery Element selector, ID selector, Class selector.

Ans:

Element selector :-

```
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script>
$(document).ready(function () {
    $("button").click(function () {
        $("h2").css("color", "green");
    });
});
</script>
</head>

<body>
<h2>color change</h2>
<button>Change text color</button>
</body>
</html>
```

Output:

color change

Change text color

color change

Change text color

Id selector :-

```
<html>
  <head> </head>
  <body>
    <h1>ID Selector</h1>
    <p>This is Some text</p>
    <p id="p1">This is some text</p>
    <button id="demo">Click Me</button>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script>
      $(document).ready(function () {
        $("#demo").click(function () {
          $("#p1").css("border", "2px solid blue");
        });
      });
    </script>
  </body>
</html>
```

Output:

ID Selector ID Selector

This is Some text

This is Some text

This is some text

This is some text

Click Me

Click Me

Class selector :-

```
<html>
  <head>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script>
      $(document).ready(function () {
        $("p.intro").css("background-color", "orange");
      });
    </script>
  </head>
  <body>
    <h1>Welcome to My Homepage</h1>
    <p class="intro">My name is Robin.</p>
    <p>I live in jaipur.</p>
    <p class="intro">My name is jolly.</p>
    <p>I live in Dausa.</p>
  </body>
</html>
```

Output :

Welcome to My Homepage

My name is Robin.

I live in jaipur.

My name is jolly.

I live in Dausa.

Q2. Write a code using jquery the value of the input element is set by val() method by selecting the input element from its ID.

Ans:

```
<html>
<head>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script>
$(document).ready(function () {
    $("button").click(function () {
        $("#inputID").val(function (n, c) {
            return c + " Griffin";
        });
    });
});
</script>
</head>
<body>
<p>Name: <input id="inputID" type="text" name="user" value="robin" /></p>
<button>Set the value of the input field</button>
</body>
</html>
```

Output:

Name: <input type="text" value="robin"/>	Name: <input type="text" value="robin Griffin"/>
<input type="button" value="input field"/>	<input type="button" value="input field"/>

Q3. Write a program in jquery using have hide() and show() methods which are used to hide and show Html elements respectively.

Ans:

```
<html>
  <head>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script>
      $(document).ready(function () {
        $("#hide").click(function () {
          $("p").hide();
        });
        $("#show").click(function () {
          $("p").show();
        });
      });
    </script>
  </head>
  <body>
    <p>If you click "Hide", I will disappear.</p>
    <button id="hide">Hide</button>
    <button id="show">Show</button>
  </body>
</html>
```

Output :

If you click "Hide", I will disappear.

Q4. Write Jquery performs the following Events:

1. Moving mouse over an element
2. Click mouse over an element.

Ans:

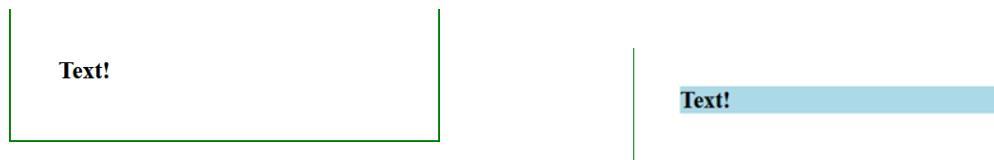
1. Moving mouse over an element :-

```
<html>
  <head>
    <title>The mouseover Method</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

    <!-- jQuery code to show the working of this method -->
    <script>
      $(document).ready(function () {
        $("p").mouseover(function () {
          $("p").css("background-color", "lightblue");
        });
      });
    </script>
    <style>
      body {
        width: 280px;
        padding: 40px;
        height: 30px;
        border: 2px solid green;
        font-weight: bold;
        font-size: 20px;
      }
    </style>
  </head>
```

```
<body>
  <!-- move over this text to see the change -->
  <p>Text!</p>
</body>
</html>
```

Output:



2. Click mouse over an element :-

```
<html>
  <head>
    <title>The mouseover Method</title>

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

    <!-- jQuery code to show the working of this method -->

    <script>
      $(document).ready(function () {
        $("p").mouseover(function () {
          $("p").css("background-color", "lightgreen");
        });
      });
    </script>
```

```
<style>
body {
    width: 280px;
    padding: 40px;
    height: 30px;
    border: 2px solid green;
    font-weight: bold;
    font-size: 20px;
}
</style>
</head>

<body>
<!-- move over this text to see the change -->

<p>Hover on the Text!</p>
</body>
</html>
```

Output :



Q5. Write Jquery program using animation() method.

Ans:

```
<html>

<head>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"></script>

<script>

$(document).ready(function () {

    $("button").click(function () {

        $("div").animate({ left: "450px" });

    });

});

</script>

</head>

<body>

<button>Start Animation</button>

<p>A simple animation example:</p>

<div style=" background: orange;

height: 100px;

width: 100px;

position: absolute;">

</div>

</body>

</html>
```

Output :

A simple animation example:



Q6. Write Jquery code to perform following with AJAX method :

1. AJAX load() method
2. AJAX get() method
3. AJAX post() method.

Ans:

1. **AJAX load() method :**

```
<html>
  <head>
    <meta name="viewport" content="width=device-width" />
    <script
      type="text/javascript"
      src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.2/jquery.min.js"
    ></script>
    <script type="text/javascript">
      $(document).ready(function () {
        $("#loadBtn").click(function () {
          $("#msgDiv").load(
            "/jquery/getdata", // url
            { name: "bill" }, // data
            function (data, status, jqXHR) {
              // callback function alert('data loaded');
            });
        });
      });
    </script>
  </head>
```

```

<body>
  <h1>jQuery load</h1>
  <input type="button" id="loadBtn" value="Load Data" />
  <div id="msgDiv"></div>
</body>
</html>

```

Output :

jQuery load

Load Data



2. AJAX get() method :

```

<html>
  <head>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  </head>
  <body>
    <script>
      $(document).ready(function () {
        $("button").click(function () {
          $.get("demo.txt", function (data, status) {
            alert("Data: " + data + "\nStatus: " + status);
          });
        });
      });
    </script>
  </body>
</html>

```

```
</head>

<body>
    <button>request the result</button>
</body>
</html>
```

Output :



request the result

3. AJAX post() method :

```
<html>
    <head>
        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
        <script>
            $(document).ready(function () {
                $("button").click(function () {
                    $.post(
                        "demo.asp",
                        {
                            name: "Cristian Ionescu",
                            city: "Bucharest",
                        },
                        function (data, status) {

```

```
        alert("Data: " + data + "\nStatus: " + status);  
    }  
});});});  
</script>  
</head>
```

```
<body>  
    <button>Click me!</button>  
</body>  
</html>
```

Output :

