#### Q1. Make Following five different web pages:

- i. Formatting Styles and Headings: Includes Bold, Italics, Underline, Strikes, Subscript and all six type of heading
- ii. Fonts Styles and Image tag
- iii. Marquee: Move text, image and hyperlink
- iv. Other tags: br, hr, pre, p

#### **Includes following specifications:**

- In all these web pages only mention about use, attributes apply them.
- Insert a background image on homepage
- Make all the topics as hyperlinks and go to some other page for description.
- Insert a Marquee showing HTML Tutorial as moving text.
- Use different font style for different topics

On every page, make a hyperlink for going back to home page and internal link also.

```
Q1.html
                                                   nav.html
                                                   <!DOCTYPE html>
<!DOCTYPE html>
<html lang="en">
                                                   <html lang="en">
<head>
                                                   <head>
                                                     <title>Navigation</title>
  <title>HTML Tutorial</title>
  <frameset rows="40px,*" border="no">
                                                     <style>
    <frame name="navtn"
                                                       body{
src="nav.html"></frame>
                                                         background-color:rgb(43, 123, 231)
    <frame name="cont" src="D:\GGSIPU\4th</pre>
Semester\New folder\back.html"></frame>
                                                       button{
  </frameset>
                                                         box-sizing: border-box;
</head>
                                                         background: transparent;
<body>
</body>
                                                     </style>
</html>
                                                   </head>
                                                   <body>
                                                     <nav>
                                                       <button><a href="D:\GGSIPU\4th Semester\New
                                                   folder\back.html" target="cont">Home</a></button>
                                                       <button><a href="format.html"
                                                   target="cont">Formatting</a></button>
                                                       <button><a href="font.html" target="cont">Font
                                                   Styles</a></button>
                                                       <button><a href="marq.html"
                                                   target="cont">Marquees</a></button>
                                                       <button><a href="oth.html" target="cont">Other
                                                   Tags</a></button>
                                                     </nav>
                                                   </body>
                                                   </html>
marq.html
                                                   oth.html
<!DOCTYPE html>
                                                   <!DOCTYPE html>
<html lang="en">
                                                   <html lang="en">
                                                   <head>
<head>
  <title>Document</title>
                                                     <title>Other Tags</title>
</head>
                                                   </head>
```

```
<body>
                                                   <body>
                                                    <marquee style="background-color: aqua; width:</pre>
250px;"><h2><a href="sch.jpg"><h2>I am a
                                                   color:tomato;">
Link.</h2></a></h2></marquee>
                                                      <br/>b>Lorem ipsum dolor sit amet consectetur
  <marquee style="background-color: rgb(0, 174,</pre>
                                                   adipisicing elit. </b>Quia iste ratione esse officiis nihil
255); width: 250px;"><img src="D:\GGSIPU\4th
                                                   qui laborum praesentium reprehenderit mollitia
Semester\New folder\pic.png"></marquee>
                                                   veniam?
                                                    </body>
</html>
                                                    <hr width="1340">
                                                    Lorem ipsum dolor sit amet consectetur
                                                   adipisicing elit.
                                                    lusto numquam cupiditate illum voluptates
                                                       quo corporis quis nisi voluptatibus blanditiis!<b
                                                   style="color: turquoise;">Break Used</b><br>Expedita
                                                   pariatur nulla unde distinctio harum earum esse
                                                   facilis qui, accusantium sit neque rerum ad tempora
                                                   commodi nobis incidunt, eius sapiente veniam delectus.
                                                   Labore, fuga voluptas libero iste repellendus, quam
                                                    </body>
                                                   </html>
format.html
                                                  font.html
<!DOCTYPE html>
                                                   <!DOCTYPE html>
<html lang="en">
                                                   <html lang="en">
<head>
                                                   <head>
  <title>Formatting</title>
                                                    <title>Font Style</title>
</head>
                                                    <style>
<body>
                                                      h2{
  <h1 style="color: violet;"><b>First</b></h1>
                                                         font-style: oblique;
  <h2 style="background-color:
agua;"><i>Second</i></h2>
                                                    </style>
  <h3><u>Third</u></h3>
                                                   </head>
  <h4><strike>Fourth</strike></h4>
                                                   <body>
  <h5>5<sub>Fifth</sub></h5>
                                                    <img src="D:\GGSIPU\4th Semester\New
  <h6>Sixth</h6>
                                                  folder\pic.png">
</body>
                                                    <h2 style="font-family: 'Gill Sans', 'Gill Sans MT',
```

</body>

</html>

Calibri, 'Trebuchet MS', sans-serif;">Style Done!!</h2>

Q2. Create an unordered list nested inside ordered list and apply following: Insert an image of Main item on top right corner of web pages. Display heading as a marquee.

Use different font styles and colors for different ordered list items. Insert Horizontal line after each ordered item.

```
<!DOCTYPE html>
<html>
<head>
 <title>Question 2</title>
</head>
<body>
 width="1300px"><marquee height="30px" style="font-size:xx-large; background-color:
orchid;color: whitesmoke;">Ordered and Unordered Lists....</marquee></a>
     <img src="pic.png" align="right">
   style="font-style: italic; color: rgb(81, 177, 177);font-weight: bold;">
      First
      Second
     <br>
   <hr width="2200">
   style="font-style:initial; color: rgb(238, 169, 66); font-weight: bold;">
     Third
      Fourth
     </body>
</html>
```

# Q3. Design a table with row span and column span and make use of attributes colspan, rawspan, width, height, cellpadding, cellspacing etc.

```
<!DOCTYPE html>
<html>
<body>
Reg. No.
 Name
 Contact No.
 1
 Aadarsh
 9814759332
 Prem
 <b>0018847343</b>
 2
 Ajit
 9814759332
 Ekka
 <b>0028847343</b>
 </body>
</html>
```

#### Q4. Design following frame:

MAIN MENU	
TOPIC 1	EXPLANATION
TOPIC 2	
TOPIC 3	
	VIEW EXAMPLE

```
Q4frame.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Frameset</title>
  <frameset rows="10%,*">
    <frame name="one" id="one" src="marq.html"scrolling="no"></frame>
  <frameset cols="15%,*">
    <frame name="two" id="two" src="m.html" scrolling="auto" NORESIZE></frame>
    <frameset rows="*,10%">
    <frame name="third" id="third" src="exp.html" scrolling="no" NORESIZE></frame>
    <frame name="fourth" id="fourth" src="exm.html" scrolling="no" NORESIZE></frame>
    </frameset>
  </frameset></frameset>
</head>
<body></body>
</html>
                                                    exm.html
marq.html
<!DOCTYPE html>
                                                    <!DOCTYPE html>
<html lang="en">
                                                    <html lang="en">
<head>
                                                    <head>
  <meta charset="UTF-8">
                                                      <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible"
                                                      <meta http-equiv="X-UA-Compatible"
content="IE=edge">
                                                    content="IE=edge">
  <meta name="viewport" content="width=device-
                                                      <meta name="viewport" content="width=device-
width, initial-scale=1.0">
                                                    width, initial-scale=1.0">
  <title>Document</title>
                                                      <title>Document</title>
</head>
                                                    </head>
<body>
  <marquee><h1 color="coral">New Page</h1>
                                                      <h1 align="right">View Example</h1>
</marquee>
                                                    </body>
</body>
                                                    </html>
</html>
m.html
                                                    exp.html
<!DOCTYPE html>
                                                    <!DOCTYPE html>
<html lang="en">
                                                    <html lang="en">
<head>
                                                    <head>
  <meta charset="UTF-8">
                                                      <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible"
                                                      <meta http-equiv="X-UA-Compatible"
content="IE=edge">
                                                    content="IE=edge">
```

```
<meta name="viewport" content="width=device-
                                                      <meta name="viewport" content="width=device-
width, initial-scale=1.0">
                                                     width, initial-scale=1.0">
  <title>Main Menu</title>
                                                      <title>Document</title>
</head>
                                                    </head>
<body>
                                                     <body>
                                                      <h1 align="right">Explanation</h1>
  <a href="shorturl.at/cmvS6"
target="third"><h1>Main Menu</h1></a>
                                                     </body>
  <a href="t1.html" target="third"><h1>Topic
                                                     </html>
1</h1></a>
 <a href="t2.html" target="third"><h1>Topic
2</h1></a>
  <a href="t3.html" target="third"><h1>Topic
3</h1></a>
</body>
</html>
```

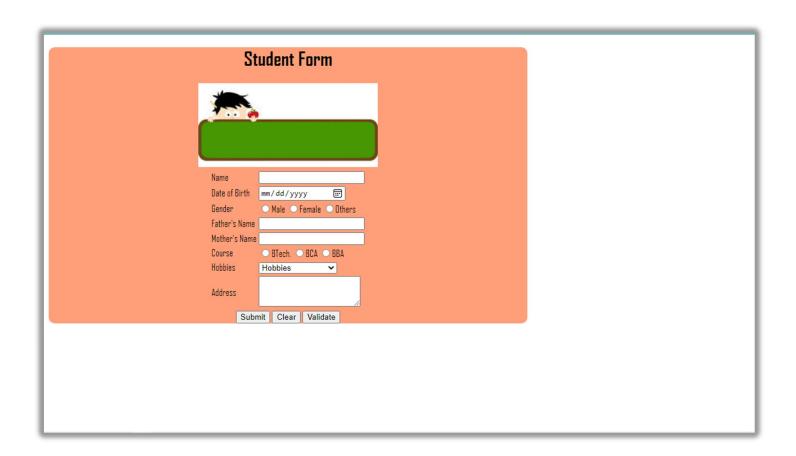
### Q5. Make an image map showing the usage of shape, cords, herf, attributes in map.

```
<!DOCTYPE>
<html></html>
<body>
    <img src=" pic1.png" width="263" height="130" usemap="#maps">
    <map name="maps">
        <area shape="rect" coords="0,0,62,114" href="pic.png" alt="pic.png">
        <area shape="rect" coords="67,40,110,108" href="images.png" >
        </map>
</body>
```



#### Q6. Design Student registration form for admission in college.

```
<!Doctype html>
<html>
<head>
<title>Registration Form</title>
</head>
<body bgcolor="white">
<div style="background-color:lightsalmon; border-radius:10px; width:800px;">
<h1 align="center">Student Form</h1>
<form>
<div align="center">
           <img src="adm.gif" width="300" height="140">
<label>Name</label>
           <input type="text" name="sname">
     <label>Date of Birth </label>
           <input type="date" name="dob">
     <label>Gender</label>
           <input type="radio" name="gen" value="Male">Male
           <input type="radio" name="gen" value="Female">Female
           <input type="radio" name="gen" value="Others">Others
     <label>Father's Name</label>
           <input type="text" name="fthname">
     <label>Mother's Name</label>
           <input type="text" name="mname">
     <label>Course</label>
           <input type="radio" name="cor" value="BTech.">BTech.
           <input type="radio" name="cor" value="BCA">BCA
           <input type="radio" name="cor" value="BBA">BBA
     <label>Hobbies</label>
           <select name="hobby" id="hobby">
           <option value="Hobbies">Hobbies
           <option value="circket">Playing Cricket</option>
           <option value="music">Listening to Music</option>
           <option value="books">Reading Books</option>
```



# Q7. Create a web page and show the usage of inline and internal style sheet and external style sheet?

```
Q7style.html
<!Doctype html>
<html>
<head>
<title>Using Styles</title>
k href="styles.css" rel="stylesheet" type="text/css">
<style>
       h1{
              color: bisque;
       }
</style>
</head>
<body>
       <h1>From Style</h1>
       <h1 style="color:cyan;">Inline</h1>
       <h1>From Styles</h1>
</body>
</html>
Q7styles.css
div{
       font-size: 150px;
       transform: translate(250px,500px);
}
a{
       color: black;
```

## Q8. Create a web page containing a background image and apply all the background styling attributes?

<!Doctype html>

<html>

<head>

<title>Using Background</title>

</head>

<body background="sch.jpg" marginheight="120px" marginwidth="120px">

<h1 align="center">School</h1>

Lorem ipsum dolor sit amet consectetur adipisicing elit. Aliquam veniam quos quia dicta corporis? Quaerat, porro. Pariatur, quaerat distinctio magni recusandae maiores non culpa, sunt quis nihil assumenda id quam obcaecati inventore harum ducimus ea porro quae aut perferendis quo. Qui pariatur culpa atque debitis porro vel maxime officiis fugit, veniam quis iure placeat tenetur in id doloremque enim adipisci iusto incidunt.

</body>

</html>



## Q9. Create a web page showing the usage of font styling attributes.

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Font Styling</title>
</head>
<body>
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
 Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem,
reiciendis!
</body>
</html>
```

Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem, reiciendis!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem, reiciendis!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem, reiciendis!

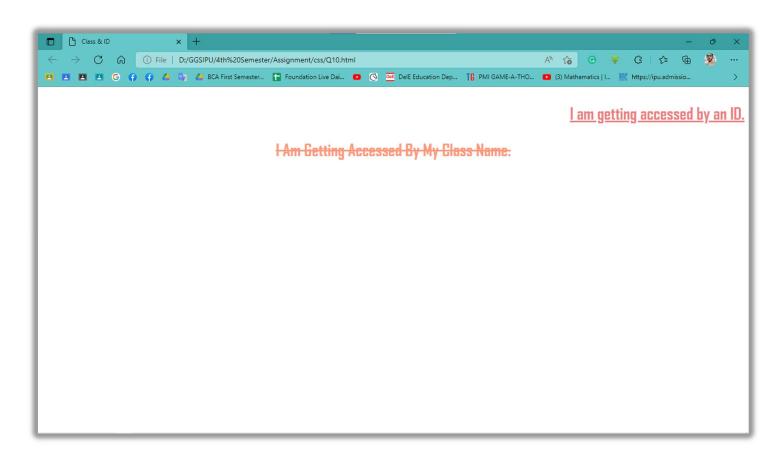
Lorem ipsum dolor sit amet consectetur adipisicing elit. Exercitationem, reiciendis!

LOREM IPSUM DOLOR SIT AMET CONSECTETUR ADIPISICING ELIT. EXERCITATIONEM, REICIENDIS!

 $Lorem\ ipsum\ dolor\ sit\ amet\ consectetur\ adipisicing\ elit.\ Exercitationem,\ reiciendis!$ 

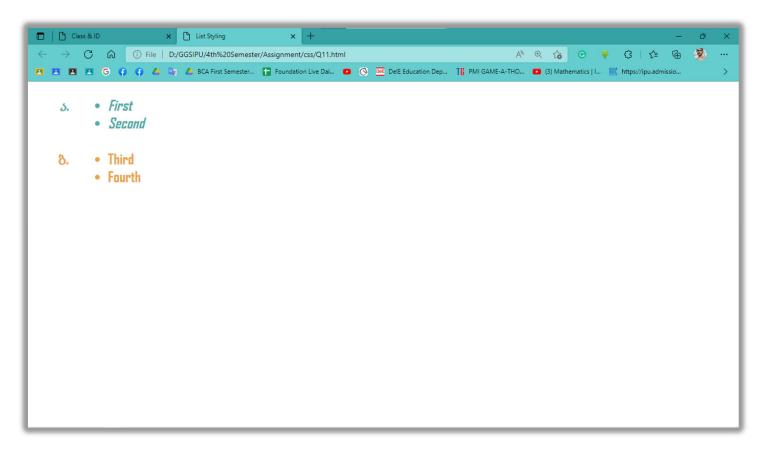
#### Q10. Create a web page and apply all Text styling attributes use Id and class selector.

```
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Class & ID</title>
 <style>
   #idtt{
      color: lightcoral;
     text-align: right;
     text-decoration: underline;
   }
    .cls{
      color: lightsalmon;
      text-align: center;
     text-decoration:line-through;
     text-transform: capitalize;
 </style>
</head>
<body style="font-size:xx-large; font-weight:bolder;">
 I am getting accessed by an ID.
 I am getting accessed by my Class Name.
</body>
</html>
```



## Q11. Create a web page and implement all list styling attributes.

```
<!DOCTYPE html>
<html>
 <title>List Styling</title>
 <style>
   ol{
     list-style-type: georgian;
     list-style-position: outside; }
   ul{
     list-style-type: disc;
     list-style-image: url("piip.png");}
 </style>
</html>
<body>
 style="font-style: italic; color: rgb(81, 177, 177);font-weight: bold;">
     First
       Second
     <br>
   style="font-style:initial; color: rgb(238, 169, 66);font-weight: bold;">
     Third
       Fourth
     </body>
```

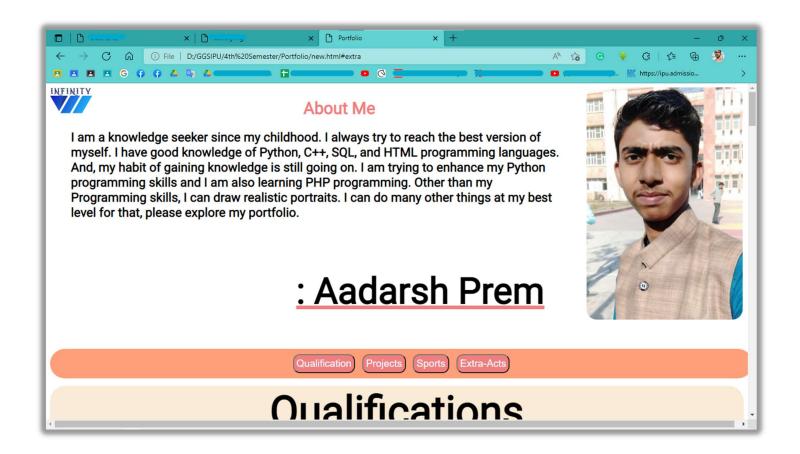


#### Q12. Create a Portfolio with the help of HTML and CSS.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Portfolio</title>
  <style>
    body{
      font-family: Roboto;
      font-weight: bold;
    }
    .logo {
      float: left;
      width: 81px;
    }
    .ahead {
      float: left;
      color: lightcoral;
      text-align: center;
      width: 950px;
    }
    .ap {
      border-radius: 20px;
    }
    .som {
      float: left;
    }
    .img{
      float: left;
    }
    .text{
      font-size: x-large;
      font-family: Roboto, -apple-system, BlinkMacSystemFont, 'Segoe UI', Oxygen, Ubuntu, Cantarell, 'Open
Sans', 'Helvetica Neue', sans-serif;
      font-weight: bold;
      padding-top: 40px;
      padding-left: 40px;
      padding-right: 40px;
      width: 950px;
    }
    .name{
      text-decoration: underline;
      text-decoration-color: lightcoral;
      font-family: Roboto;
      font-weight: 900;
      width: 950px;
      text-align: right;
      float: left;
      font-size: 70px;
    }
    .navi{
      text-align: center;
```

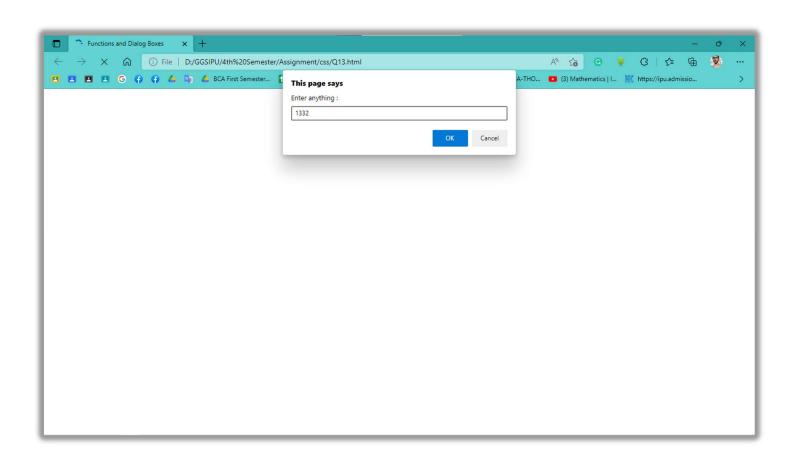
```
border-radius: 30px;
      word-spacing: 10px;
      padding: 10px;
      background:lightsalmon;
      width:1330px;
      float:left;
      position: sticky;
      top: 0px;
    }
    button{
      padding: 5px;
      background-color: lightcoral;
      font-size: larger;
      border-radius: 13px;
    }
    a{
      text-decoration: none;
      text-align: center;
      color: aliceblue;
    }
    .bl{
      font-weight: bolder;
      color: whitesmoke;
      background-color: lightcoral;
    }
    table{
      border-style: solid;
    }
    td,th{
      border:2px solid black;
      padding: 9px;
      text-align: center;
      margin: 2px;
    }
  </style>
</head>
<body>
  <div class="som">
    <div class="logo">
      <img src="logo.jpg" width="81px" height="50px">
    </div>
    <div class="ahead">
      <h1>About Me</h1>
    </div>
    <div class="text">
      I am a knowledge seeker since my childhood. I always try to reach the best version of myself. I have
good knowledge of Python, C++, SQL, and HTML programming languages. And, my habit of gaining knowledge is
still going on. I am trying to enhance my Python programming skills and I am also learning PHP programming.
        Other than my Programming skills, I can draw realistic portraits. I can do many other things at my best
level for that, please explore my portfolio.
    </div>
    <div class="name">
      : Aadarsh Prem
    </div>
  </div>
```

```
<div class="img">
  <img class="ap" src="ap.jpg" width="300px" height="447px">
 </div>
 <div class="navi">
  <nav>
   <button><a href="#Qual">Qualification</a></button>
   <button><a href="#proj">Projects</a></button>
   <button><a href="#sport">Sports</a></button>
   <button><a href="#extra">Extra-Acts</a></button>
  </nav>
 </div>
br><br>
 <div id="Qual" class="cont">
  30px;">Qualifications
  <thead >
    Courses
    BCA(Bachelor of Computer Application)
    12th Standard
    10th Standard
   </thead>
   Percentage
     3rd Sem - 80 %
     81.2
     84.6 %
    </div>
 <div id="proj" class="proj">
  30px;">Projects
  Completed Project
  Racing Game in Python :
  <div align="center"><img src="game.jpg" alt="gam" style="border-radius: 10px;"></div>
  Ongoing Project
  Administration Management
 </div>
 <div id="sport" class="sport">
  30px;">Sports
  I am good at,
  <div align="center">
   Cricket
   <img src="crc.jpg">
  </div>
  <div align="center">
   Volleyball
   <img src="vlb.jpg">
  </div>
  <div align="center">
```



## Q13. Write a program to show the usage of inbuilt functions and dialog boxes.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Functions and Dialog Boxes</title>
</head>
<body>
  <script>
    var a=parseInt(prompt("Enter anything:"))
    if(isNaN(a)){
      document.write("It is not a Number.")
    }
    else{
      document.write("Number X 2 is<br>")
      document.write(a*2+"<br>")
    }
  </script>
</body>
</html>
```

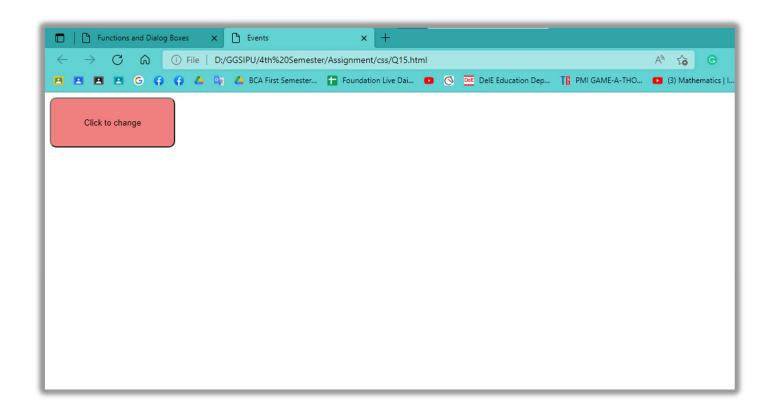


## Q14. Write a program to show the usage of alert box and confirm box.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Confirm & Alert</title>
</head>
<body>
  <h1 id="pr"></h1>
  <script>
     var name=prompt("Enter your ID :")
     var res=confirm("Confirm Your Name:"+name)
     if(res){
       document.getElementById("pr").innerHTML="You Confirmed Code is "+name
     }
     else{
       alert("Try Again!! By refreshing the page.")
  </script>
                       → X 🖟 ① File | D:/GGSIPU/4th%20Semester/Assignment/css/Q14.html
                                                                                                    A 6 0 F 3 6 6
</body>
                    🖪 🖪 🖪 G () () 🔥 💪 🖂 BCA First Semester...
                                                                                                -THO... 🔼 (3) Mathematics | I... | https://ipu.admissio...
                                                          This page says
</html>
                                                           Enter your ID :
                                                           847321
                                                                                   OK Cancel
          Functions and Dialog Boxes × . Confirm & Alert
          ← → X 🖟 ① File | D:/GGSIPU/4th%20Semester/Assignment/css/Q14.html
                                                                                                     A 6 6 F G 6
         🔼 🖪 🖪 G 😝 👣 🔥 🎉 🔥 BCA First Semester...
                                                                                               A-THO... 🔼 (3) Mathematics | I... 🕌 https://ipu.admissio..
                                                     This page says
                                                      Confirm Your Name:847321
                                                                                 OK Cancel
```

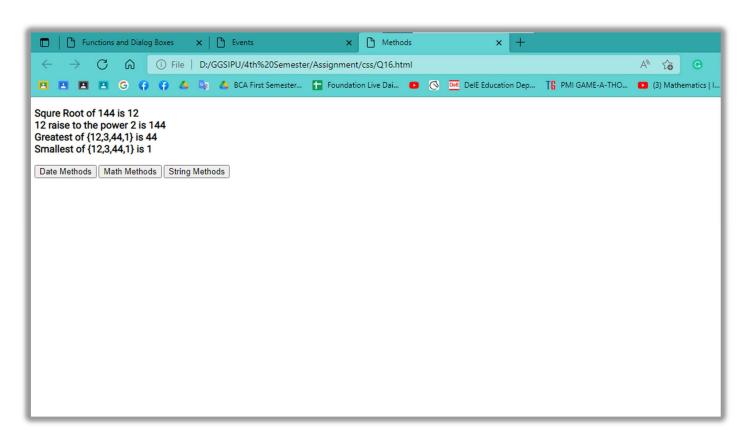
## Q15. Write a program to implement event handling using onclick, onmouseover and onmouseout events.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Events</title>
</head>
<body>
  <button style="height: 40px; width: 100px; border-radius: 10px;" onclick="colr(this)" onmouseover="sz(this)"
onmouseout="szz(this)">Click to change</button>
  <script>
    function colr(x){
      x.style.backgroundColor="lightcoral"
    function sz(x){
      x.style.height="80px"
      x.style.width="200px"
    function szz(x){
      x.style.height="40px"
      x.style.width="100px"
    }
  </script>
</body>
</html>
```



#### Q16. Write a program to show the usage of all the date, math and string object functions.

```
<!DOCTYPE html>
<html lang="en">
<head>
 <title>Methods</title>
</head>
<body>
 <button onclick="dat()">Date Methods</button>
 <button onclick="mat()">Math Methods</button>
 <button onclick="strn()">String Methods</button>
 <script>
   function dat() {
     var d = new Date();
      d.setFullYear(2022, 3, 24);
      document.getElementById("res").innerHTML = "The Month is " + d.getMonth() + "<br/>br>The Date is " +
d.getDate();
   }
   function mat(){
      document.getElementById("res").innerHTML = "Squre Root of 144 is " + Math.sqrt(144)+"<br>>12 raise to
the power 2 is " + Math.pow(12,2)+"<br>Greatest of {12,3,44,1} is " + Math.max(12,3,44,1)+"<br>Smallest of
{12,3,44,1} is " + Math.min(12,3,44,1);
   }
   function strn(){
     var a="javaScript";
      document.getElementById("res").innerHTML ="The string is "+a+"<br>Slicing :
"+a.slice(2,4)+"<br>Replacing java tp Python: "+a.replace("java","Python")+"<br>Lower and Upper Case:
"+a.toUpperCase()+" "+a.toLowerCase();
   }
 </script>
</body>
</html>
```



#### Q17. Write a program to show the arithmetic calculation.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Arithmetic Calculations</title>
  <style>
    button{
      width: 40px;
      height: 20px;
   }
  </style>
</head>
<body>
  Enter First Number :<input type="text" id="a"><br>
  Enter Second Number :<input type="text" id="b">
  <h1 id="res"></h1>
  <button onclick="add()" onmouseover="sz(this)" onmouseout="szz(this)">+</button>
  <button onclick="sub()" onmouseover="sz(this)" onmouseout="szz(this)">--</button>
  <button onclick="mul()" onmouseover="sz(this)" onmouseout="szz(this)">×</button>
  <button onclick="div()" onmouseover="sz(this)" onmouseout="szz(this)">÷</button>
  <button onclick="mod()" onmouseover="sz(this)" onmouseout="szz(this)">%(mod)</button>
  <script>
    var a, b;
    a = parseInt(document.getElementById("a").value);
    b = parseInt(document.getElementById("b").value);
    function add() {
      var a, b;
      a = parseInt(document.getElementById("a").value);
      b = parseInt(document.getElementById("b").value);
      document.getElementById("res").innerHTML = "Addition is " + (a + b);
    }
    function sub() {
      var a, b;
      a = parseInt(document.getElementById("a").value);
      b = parseInt(document.getElementById("b").value);
      document.getElementById("res").innerHTML = "Subtraction is " + (a - b);
    }
    function mul() {
      var a, b;
      a = parseInt(document.getElementById("a").value);
      b = parseInt(document.getElementById("b").value);
      document.getElementById("res").innerHTML = "Multiplication is " + (a * b);
    }
    function div() {
      var a, b;
      a = parseInt(document.getElementById("a").value);
      b = parseInt(document.getElementById("b").value);
      document.getElementById("res").innerHTML = "Division is " + (a / b);
    }
    function mod() {
      var a, b;
      a = parseInt(document.getElementById("a").value);
      b = parseInt(document.getElementById("b").value);
      document.getElementById("res").innerHTML = "Remainder is " + (a%b);
    }
```

```
function sz(x){
    x.style.height="30px"
    x.style.width="60px"
}
function szz(x){
    x.style.height="20px"
    x.style.width="40px"
}
</script>
</body>
</html>
```

