

Q.1) write HTML code to create a Student Registration form.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration form</title>
    <style>
        body{
            margin: 0;
            padding: 0;
            background-color: antiquewhite;
        }
        h1{
            text-align: center;
            color: brown;
        }

        div{
            padding: 1%;
            height: 600px;
            width: 800px;
            border: 2px solid black;
            float: left;
        }
    </style>
</head>
<body>
    <!-- 1) write HTML code to create a Student Registration form. -->

    <h1>Student Registration Form</h1>
    <form>
        <div>
            <label>Student Name * :</label><br><br>
            <label>      First
name      </label>
            <input type="text" name="firstname" size="15" placeholder="Firstname"
required/> <br> <br>
            <label>      Middlename: </label>
            <input type="text" name="middlename" size="15"
placeholder="Middlename" /> <br> <br>
            <label>      Lastname:
&nbsp;&nbsp;&nbsp;</label>
            <input type="text" name="lastname" size="15" placeholder="Lastname"/>
<br> <br>


            <label for="birthday">D.O.B *:</label>
            <input type="date" id="dob" name="DateOfBirth" required><br><br>

            <label >Phone * : </label>
            <input required type="text" name="country code" value="+91" size="2"
/>

            <input type="text" name="phone" size="10"/> <br> <br>

            <label>Course *:</label>
            <select>
                <option value="Course *">Course</option required>
```

```

<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select> <br><br>

<label>Gender *:</label><br>
<input type="radio" id="Male" name="Gender" value="Male" required>
<label>Male</label>
<input type="radio" id="Female" name="Gender" value="Female">
<label>Female</label>
<input type="radio" id="Others" name="Gender" value="Others">
<label>Others</label> <br><br>

<input type="submit">
</div>
</form>
</body>
</html>

```

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/lab.html'. The page title is 'Sudent Registration Form' (note the typo). The form is titled 'Student Name *:' and contains the following fields:

- First name:
- Middlename:
- Lastname:
- D.O.B *:
- Phone *:
- Course *:
- Gender *: ☐ Male ☐ Female ☐ Others

A 'Submit' button is located at the bottom of the form. The browser's taskbar at the bottom shows the Windows logo, search bar, and various application icons. The system tray on the right indicates the time as 13:19 on 19-10-2023.

Q.2) Write HTML code for creating Web page containing multiple MCQs.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>MCQ Exam</title>
  <style>
    body{
      background-color: aquamarine;
    }
  </style>
</head>
<!--Q. 2) Write HTML code for creating Web page containing multiple MCQs. -->

```

```

<body>
  <h1>HTML Multiple Choice Questions</h1>
  <ul class="quiz">
    <li>
      <h4>What is HTML?</h4>
      <ul class="choices">
        <li>
          <label>
            <input type="radio" name="question0" value="A" />
            <span>HTML describes the structure of a webpage</span>
          </label>
        >
      </li>
      <li>
        <label>
          <input type="radio" name="question0" value="B" />
          <span>HTML is the standard markup language mainly used
to create web pages</span>
        </label>
      >
    </li>
    <li>
      <label>
        <input type="radio" name="question0" value="C" />
        <span> HTML consists of a set of elements that helps
the browser how to view the content</span>
      </label>
    >
  </li>
  <li>
    <label>
      <input type="radio" name="question0" value="D" />
      <span>All of the mentioned</span>
    </label>
  >
</li>
</ul>
</li>
<li>
  <h4>Who is the father of HTML?</h4>
  <ul class="choices">
    <li>
      <label>
        <input type="radio" name="question1" value="A" />
        <span>Rasmus Lerdorf</span>
      </label>
    >
  </li>
  <li>
    <label>
      <input type="radio" name="question1" value="B" />
      <span>Tim Berners-Lee</span>
    </label>
  >
</li>
<li>
  <label>
    <input type="radio" name="question1" value="C" />

```

```

        <span>Brendan Eich</span>
    </label>
    >
</li>
<li>
    <label>
        ><input type="radio" name="question1" value="D" />
        <span>Sergey Brin</span>
    </label>
    >
</li>
</ul>
</li>
<li>
    <h4>HTML stands for _____</h4>
    <ul class="choices">
        <li>
            <label>
                ><input type="radio" name="question2" value="A" />
                <span>HyperText Markup Language</span>
            </label>
            >
        </li>
        <li>
            <label>
                ><input type="radio" name="question2" value="B" />
                <span>HyperText Machine Language</span>
            </label>
            >
        </li>
        <li>
            <label>
                ><input type="radio" name="question2" value="C" />
                <span>HyperText Marking Language</span>
            </label>
            >
        </li>
        <li>
            <label>
                ><input type="radio" name="question2" value="D" />
                <span>HighText Marking Language</span>
            </label>
            >
        </li>
    </ul>
</li>
</ul>
<button >View Results</button><br><br>
<span>Your results will appear here</span>

</body>
</html>

```

Q.3) Divide HTML into different frames and display different web page in those frames.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Different frame</title>
  <!--Q. 3) Devide HTML into different frames and display different web page
in those frames. -->
</head>
  <frameset cols="25%,25%,25%,25%">
    <frame name="A" src="home.html">
    <frame name="B" src="lab.html">
    <frame name="C" src="gallery.html">
    <frame name="D" src="contact.html">
  </frameset>
</html>
```

Frame: A

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Digital World</title>
  <style>
    body {
      background-image: url("image/Background.jpg");
      background-repeat: no-repeat;
      background-size: cover;
```

[illegible]

Frame:B

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Gallery</title>
</head>
<body bgcolor="#3366cc">
  <h1><font color="black" size="6">Gallery</h1></font>

  <table bgcolor="skyblue" border="5px" height="600px" width="800px"
cellspacing="5px">
    <tr>
      <td background="image/table1.jpg"></td>
      <td background="image/table2.jpg"></td>
      <td background="image/table3.jpg"></td>
    </tr>
    <tr>
      <td background="image/table4.jpg"></td>
      <td background="image/table5.jpg"></td>
      <td background="image/table6.jpg"></td>
    </tr>
    <tr>
      <td background="image/table7.jpg"></td>
      <td colspan="2" background="image/table8.jpg"></td>
    </tr>
  </table>

</body>
</html>
```

Frame: C

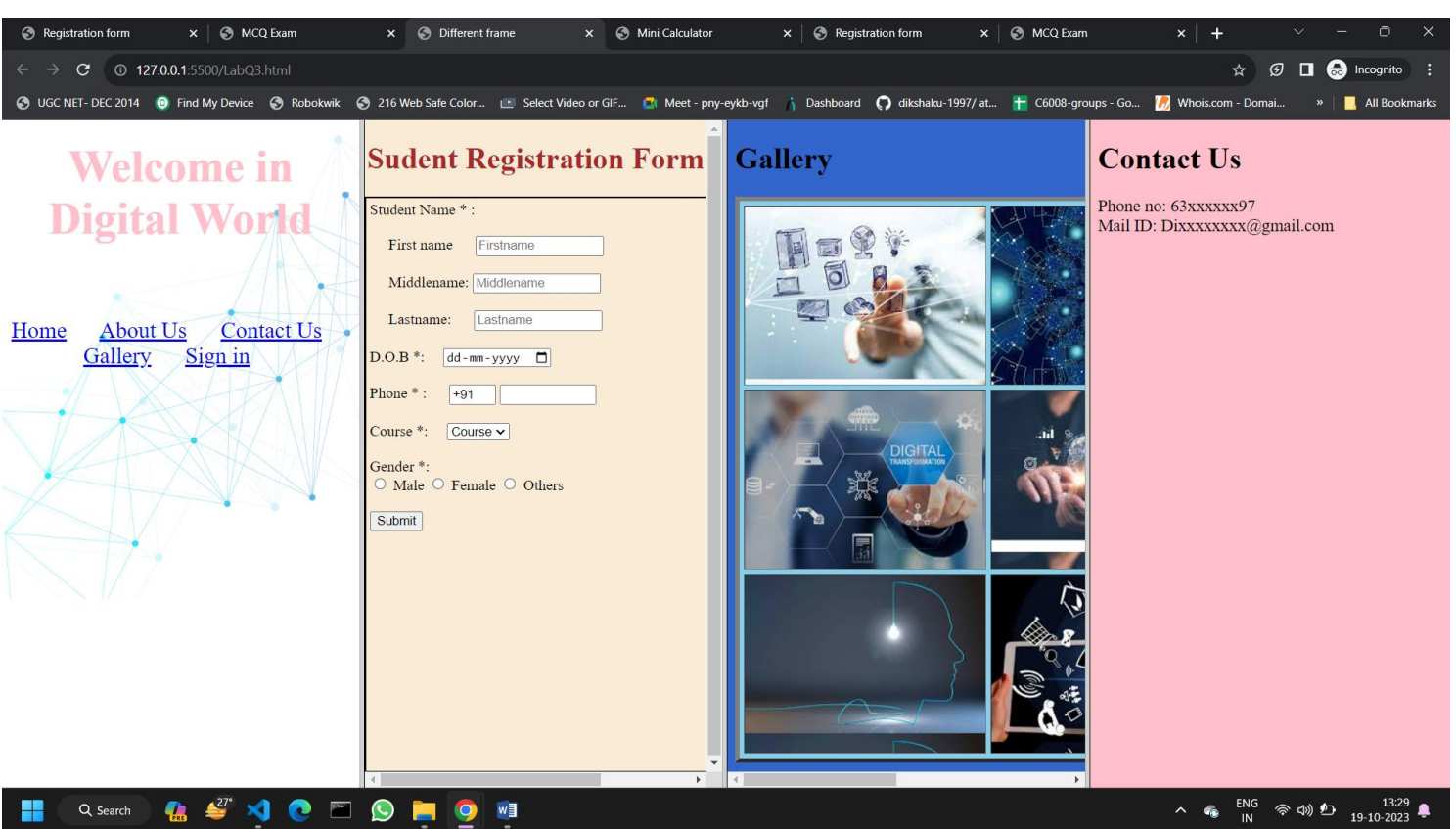
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Gallery</title>
</head>
<body bgcolor="#3366cc">
  <h1><font color="black" size="6">Gallery</h1></font>

  <table bgcolor="skyblue" border="5px" height="600px" width="800px"
cellspacing="5px">
    <tr>
      <td background="image/table1.jpg"></td>
      <td background="image/table2.jpg"></td>
      <td background="image/table3.jpg"></td>
    </tr>
    <tr>
      <td background="image/table4.jpg"></td>
      <td background="image/table5.jpg"></td>
      <td background="image/table6.jpg"></td>
    </tr>
    <tr>
      <td background="image/table7.jpg"></td>
      <td colspan="2" background="image/table8.jpg"></td>
    </tr>
  </table>

</body>
</html>
```

Frame: D

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact Us</title>
</head>
<body bgcolor="pink">
  <h1><font color="black" size="6"> Contact Us</h1></font>
  <p> <font color="black" size="4"> Phone no: 63xxxxxx97 <br>
    Mail ID: Dixxxxxxxxx@gmail.com
  </p></font>
</body>
</html>
```



Q.4) Create a mini calculator using java script,HTML and CSS.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Mini Calculator</title>
  <link rel="stylesheet" href="style.css">
</head>
<!--Q. 4) Create a mini calculator using java script,HTML and CSS. -->
<body>
  <table class="calculator" >
    <h1>Mini Calculator</h1>
    <tr>
      <td colspan="3"> <input class="display-box" type="text" id="result"
disabled /> </td>

      <!-- clearScreen() function clears all the values -->
      <td> <input type="button" value="C" onclick="clearScreen()" id="btn"
/> </td>
    </tr>
    <tr>
      <!-- display() function displays the value of clicked button -->
      <td> <input type="button" value="1" onclick="display('1')" /> </td>
      <td> <input type="button" value="2" onclick="display('2')" /> </td>
      <td> <input type="button" value="3" onclick="display('3')" /> </td>
      <td> <input type="button" value="/" onclick="display('/')'" /> </td>
    </tr>
    <tr>
      <td> <input type="button" value="4" onclick="display('4')" /> </td>
      <td> <input type="button" value="5" onclick="display('5')" /> </td>
      <td> <input type="button" value="6" onclick="display('6')" /> </td>
```



```

        <td> <input type="button" value="-" onclick="display('-')" /> </td>
    </tr>
    <tr>
        <td> <input type="button" value="7" onclick="display('7')" /> </td>
        <td> <input type="button" value="8" onclick="display('8')" /> </td>
        <td> <input type="button" value="9" onclick="display('9')" /> </td>
        <td> <input type="button" value="+" onclick="display('+')" /> </td>
    </tr>
    <tr>
        <td> <input type="button" value="." onclick="display('.')" /> </td>
        <td> <input type="button" value="0" onclick="display('0')" /> </td>

        <!-- calculate() function evaluates the mathematical expression -->
        <td> <input type="button" value="=" onclick="calculate()" id="btn"
/> </td>
        <td> <input type="button" value="*" onclick="display('*')" /> </td>
    </tr>
</table>

<script type="text/javascript" src="script.js"></script>
</body>
</html>

```

CSS: style.css

```

@import url('https://fonts.googleapis.com/css2?family=Orbitron&display=swap');
h1{
    text-align: center;
    color: #fb0066;
}
.calculator {
    padding: 10px;
    border-radius: 1em;
    height: 500px;
    width: 400px;
    margin: auto;
    background-color: #191b28;
    box-shadow: rgba(0, 0, 0, 0.19) 0px 10px 20px, rgba(0, 0, 0, 0.23) 0px 6px
6px;
}

.display-box {
    font-family: 'Orbitron', sans-serif;
    background-color: #dcdbe1;
    border: solid black 0.5px;
    color: black;
    border-radius: 5px;
    width: 100%;
    height: 65%;
}

#btn {
    background-color: #fb0066;
}

input[type=button] {
    font-family: 'Orbitron', sans-serif;
}

```

```

background-color: #64278f;
color: white;
border: solid black 0.5px;
width: 100%;
border-radius: 5px;
height: 70%;
outline: none;
}

input:active[type=button] {
background: #e5e5e5;
-webkit-box-shadow: inset 0px 0px 5px #c1c1c1;
-moz-box-shadow: inset 0px 0px 5px #c1c1c1;
box-shadow: inset 0px 0px 5px #c1c1c1;
}

```

JavaScript: script.js

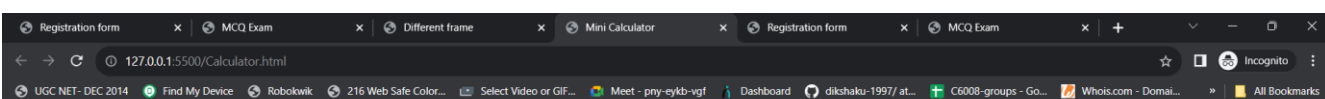
```

// This function clears all the values
function clearScreen() {
    document.getElementById("result").value = "";
}

// This function displays the values
function display(value) {
    document.getElementById("result").value += value;
}

// This function evaluates the expression and returns the result
function calculate() {
    var p = document.getElementById("result").value;
    var q = eval(p);
    document.getElementById("result").value = q;
}

```



Mini Calculator

