

## Experiment 06

# Cascading Style Sheets (CSS)

### Question 01

#### Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>23BCE1098 Question 1</title>
  <style>
    li::first-letter {
      font-variant: small-caps;
      font-size: 45px;
    }

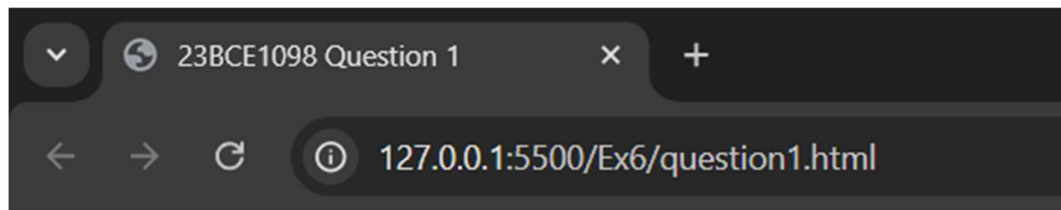
    ul {
      list-style: none;
    }

    li::before {
      content: "• ";
      color: grey;
      font-size: 40px;
    }
  </style>
</head>

<body>
  <center>
    <table style="border:5px solid orange; padding:0px">
      <tr>
        <th style="color: White;
          font-size: 30px; background-color : Orange">LEARN DATA SCIENCE
        </th>
      </tr>
      <tr>
        <td>
          <ul>
```

```
<li style="color:blue;  
font-size: 30px">unlimited Jobs</li>  
<li style="color:blue;  
font-size: 30px">best benefits anywhere</li>  
<li style="color:blue;  
font-size: 30px">call now for an appointment</li>  
</ul>  
</td>  
</tr>  
</table>  
</center>  
</body>  
  
</html>
```

## Output:



---

## Question 02

**Code:**

**Calculator.html:**

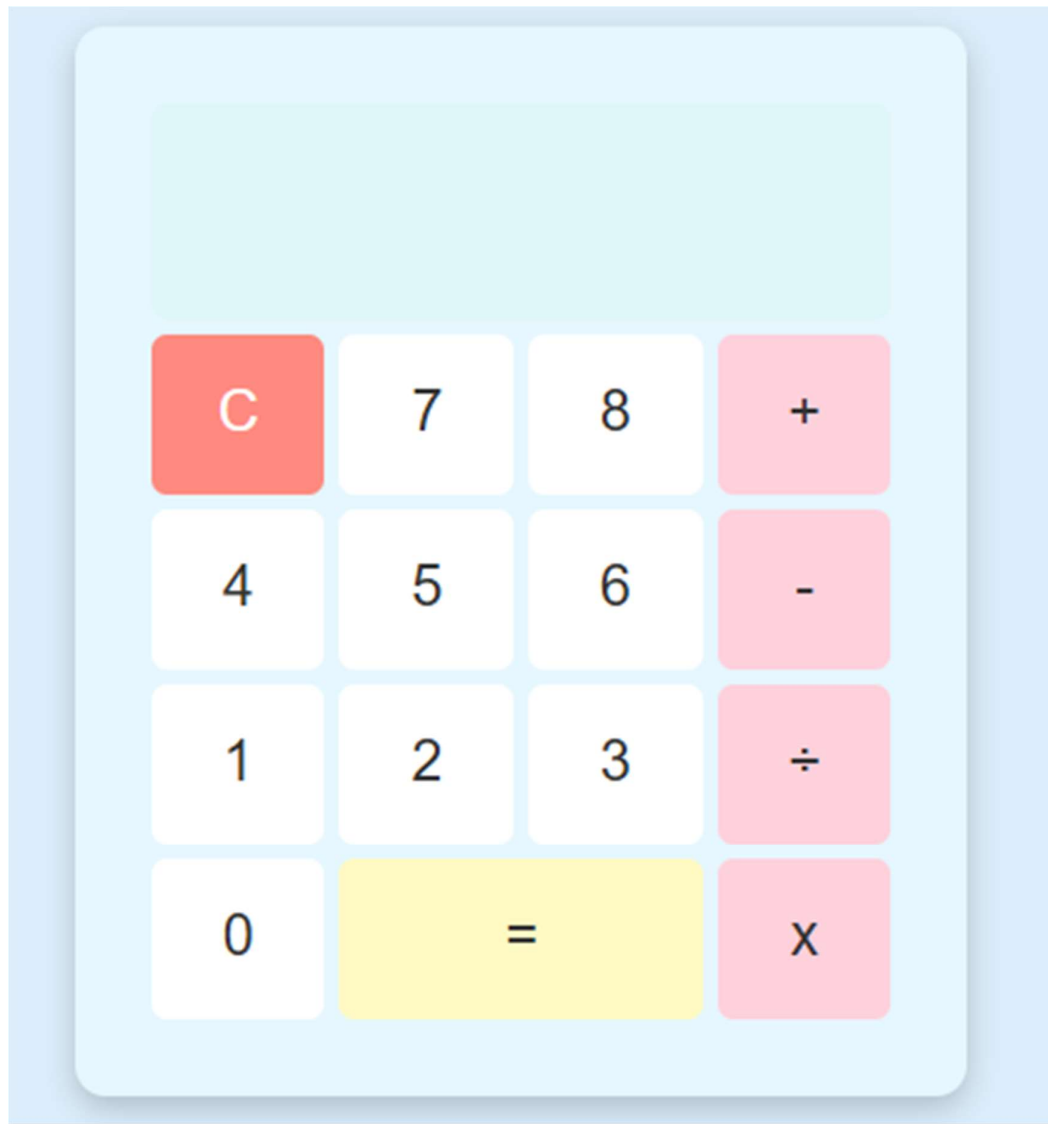
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>23BCE1098 Calculator</title>
  <link rel="stylesheet" href="calc.css">
</head>
<body>
  <div class="calculator-container">
    <table class="calculator">
      <tr>
        <td colspan="4" class="display" id="display"></td>
      </tr>
      <tr>
        <td class="button clear">C</td>
        <td class="button" id="seven">7</td>
        <td class="button" id="eight">8</td>
        <td class="button operator">+</td>
      </tr>
      <tr>
        <td class="button" id="four">4</td>
        <td class="button" id="five">5</td>
        <td class="button" id="six">6</td>
        <td class="button operator">-</td>
      </tr>
      <tr>
        <td class="button" id="one">1</td>
        <td class="button" id="two">2</td>
        <td class="button" id="three">3</td>
        <td class="button operator">÷</td>
      </tr>
      <tr>
        <td class="button" id="zero">0</td>
        <td colspan="2" class="button equal">=</td>
        <td class="button operator">x</td>
      </tr>
    </table>
  </div>
</body></html>
```

**Calc.css:**

```
body {  
  font-family: Arial, sans-serif;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  height: 100vh;  
  margin: 0;  
  background-color: #dceefb;  
}  
  
.calculator-container {  
  background-color: #e6f7ff;  
  border-radius: 10px;  
  padding: 20px;  
  box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);  
}  
  
table.calculator {  
  width: 250px;  
  border-spacing: 5px;  
}  
  
.display {  
  height: 50px;  
  background-color: #e0f7fa;  
  border-radius: 5px;  
  text-align: right;  
  padding: 10px;  
  font-size: 20px;  
  color: #333;  
}  
  
.button {  
  height: 50px;  
  width: 50px;  
  text-align: center;  
  border-radius: 5px;  
  cursor: pointer;  
  font-size: 18px;  
  background-color: #ffffff;  
  color: #333;  
  border: none;  
  transition: background-color 0.3s, color 0.3s;  
}  
  
.button.operator {  
  background-color: #ffd1dc;
```

```
}  
.button.equal {  
  background-color: #fff9c4;  
  width: calc(50px * 2 + 5px);  
}  
.button.clear {  
  background-color: #ff8a80;  
  color: white;  
}  
}  
.button:hover {  
  background-color: #4fc3f7;  
  color: white;  
}
```

## Output:



## **Question 03**

### **Code:**

```
<!DOCTYPE html>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>23BCE1098 Animation</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
      margin: 50px;
    }

    .myphto {
      width: 150px;
      height: 150px;
      border-radius: 50%;
      border: 2px solid #4CAF50;
      transition: transform 0.3s;
    }

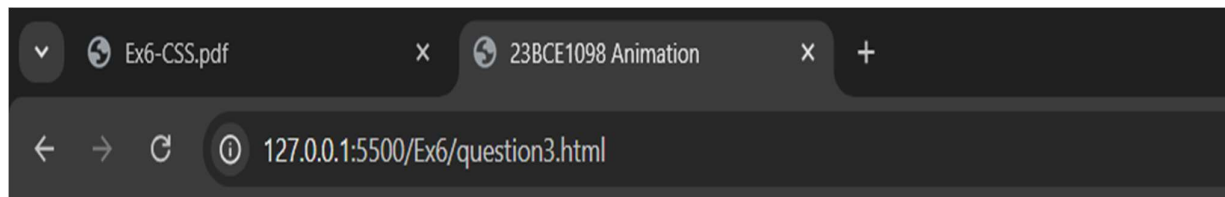
    .myphto:hover {
      transform: scale(1.1);
    }

    figcaption {
      font-size: 30px;
      margin-top: 10px;
      animation: textEffect 3s infinite;
    }

    @keyframes textEffect {
      0% {
        color: #000;
        font-size: 35px;
      }
      50% {
        color: #4CAF50;
        font-size: 40px;
      }
      100% {
```

```
        color: #000;  
        font-size: 45px;  
    }  
}  
</style>  
</head>  
<body>  
    <figure>  
          
        <figcaption>Radio France</figcaption>  
    </figure>  
</body>  
</html>
```

## Output:



Radio France