

Web Lab Exercise 6



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Subject	Web Programming
Slot	L15+L16+L19+L20
Venue	AB3 – 202

Exercise –6

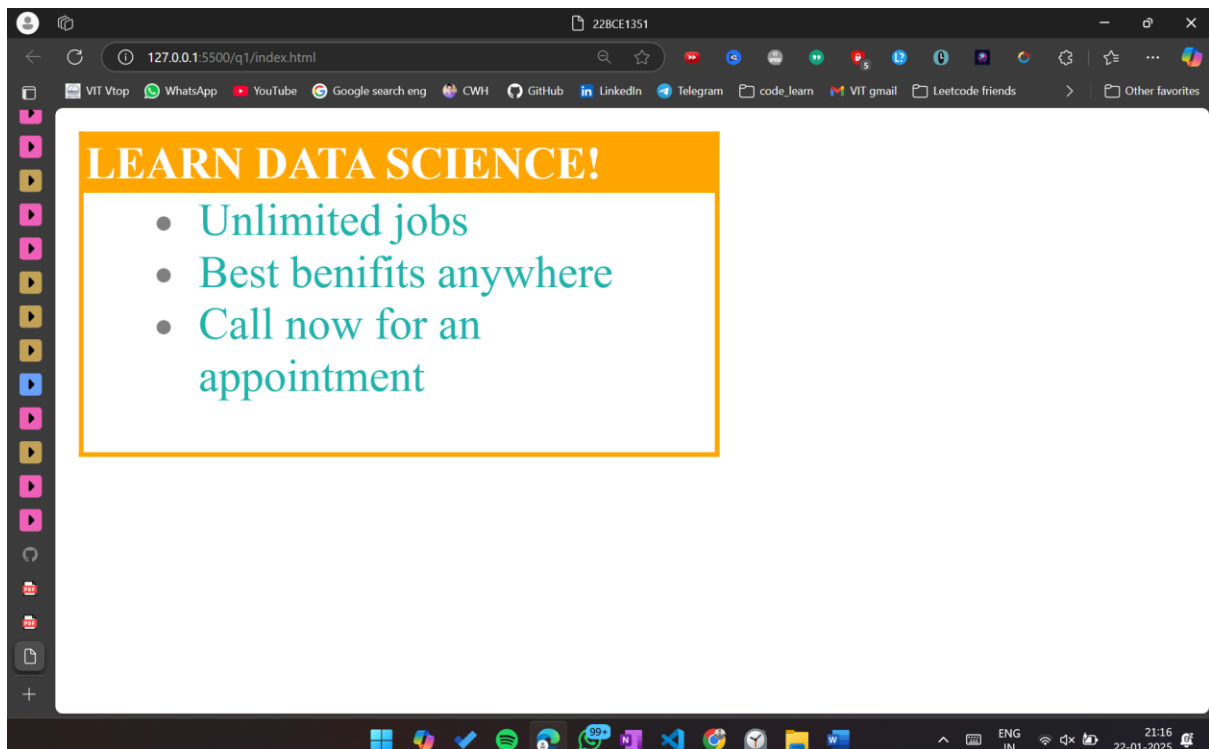
CSS

Note: Display your Register number in title bar. Take screen-shot along with title bar

1. Apply styles using **INLINE CSS** to the below table (3 marks)
Add pseudo-class to make initial cap using internal CSS

LEARN DATA SCIENCE!

- Unlimited jobs
- Best benefits anywhere
- Call now for an appointment



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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22BCE1351</title>
  <style>
    li {
      color: lightseagreen;
    }
  </style>
</head>
<body>
  <div>
    <h4>LEARN DATA SCIENCE!</h4>
    <ul>
      <li>• Unlimited jobs</li>
      <li>• Best benefits anywhere</li>
      <li>• Call now for an appointment</li>
    </ul>
  </div>
</body>
</html>
```

```

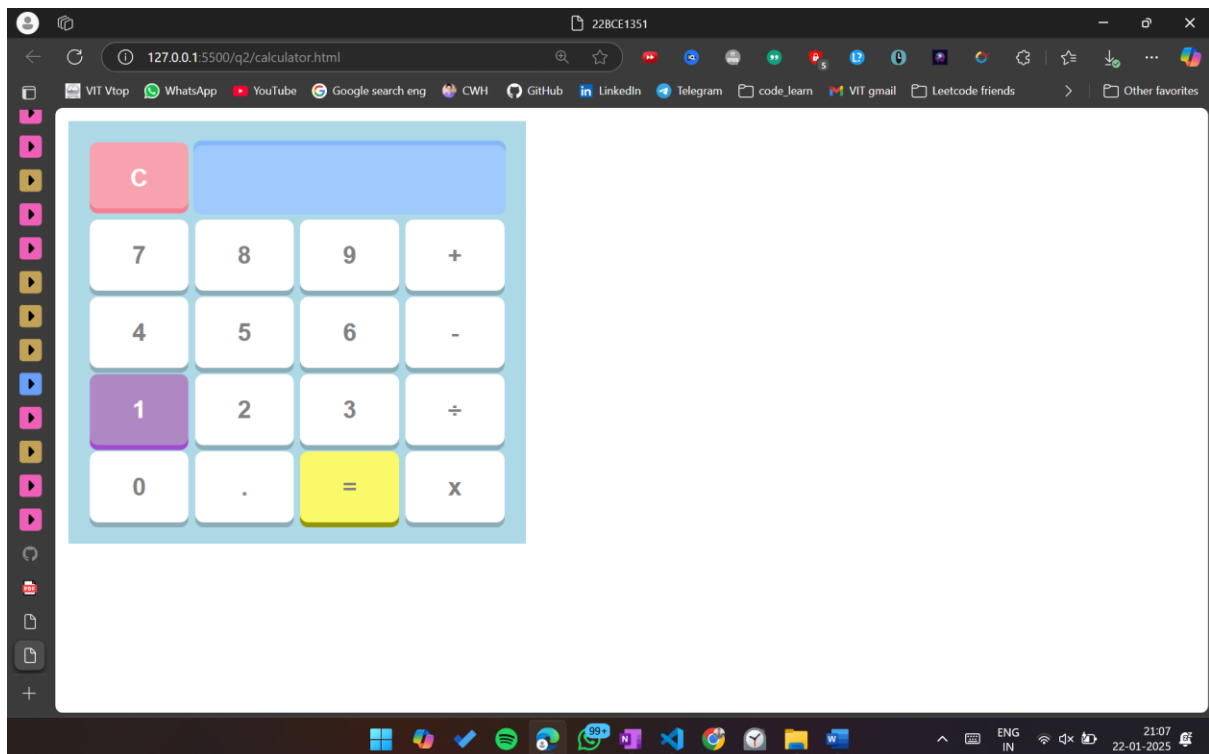
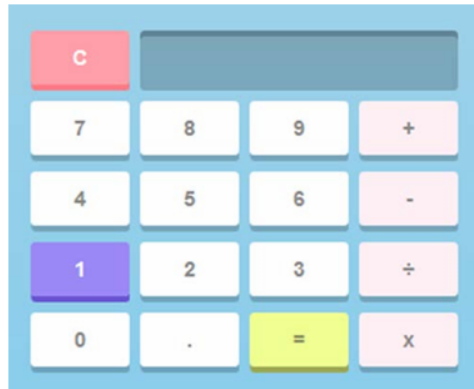
    }
    li::marker{
        color: grey;
    }
    li::first-letter{
        text-transform: capitalize;
    }
</style>
</head>

<body>
    <table style="border: 2px solid orange; border-collapse: collapse; width:
15%;">
        <tr>
            <td style="background-color: orange; color: white; font-weight:
bold;">LEARN DATA SCIENCE!</td>
        </tr>
        <tr>
            <td>
                <ul style="margin-top: 0;">
                    <li>unlimited jobs</li>
                    <li>best benifits anywhere</li>
                    <li>call now for an appointment</li>
                </ul>
            </td>
        </tr>
    </table>
</body>

</html>

```

2. Design a calculator as the image shown below. Create an **EXTERNAL** file “calc.css” using class and ID selector for table to apply style using font and background. Link the “calc.css” file to the “calculator.html” file. Also, use suitable property to change the color of the buttons when mouse over the buttons. (4 marks)



Html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22BCE1351</title>
  <link rel="stylesheet" href="calc.css">
</head>
<body>
```

```

<table class="calculator">
  <tr>
    <td colspan="1"><button class = "button-number" id = "operator-
c">C</button></td>
    <td colspan="3" id = "display"></td>
  </tr>
  <tr>
    <td><button class = "button-number">7</button></td>
    <td><button class = "button-number">8</button></td>
    <td><button class = "button-number">9</button></td>
    <td><button class = "button-number">+</button></td>
  </tr>
  <tr>
    <td><button class = "button-number">4</button></td>
    <td><button class = "button-number">5</button></td>
    <td><button class = "button-number">6</button></td>
    <td><button class = "button-number">-</button></td>
  </tr>
  <tr>
    <td><button class = "button-number" id = "number-
1">1</button></td>
    <td><button class = "button-number">2</button></td>
    <td><button class = "button-number">3</button></td>
    <td><button class = "button-number">÷</button></td>
  </tr>
  <tr>
    <td><button class = "button-number">0</button></td>
    <td><button class = "button-number">.</button></td>
    <td><button class = "button-number" id = "operator-
equal">=</button></td>
    <td><button class = "button-number">x</button></td>
  </tr>
</table>
</body>
</html>

```

Css

```

.calculator{
  background-color: lightblue;
  padding: 10px;
  width: 250px;
}
.button-number{
  background-color: white;
  font-family:Arial, Helvetica, sans-serif;
}

```

```
font-weight: 600;
box-shadow: 0px 3px #00000033;
border-radius: 5px;
height: 43px;
width: 60px;
border: none;
/* margin-top: 4px; */
color: grey;
font-size: 15px;
}

.button-number:hover{
    background-color: rgb(157, 156, 156);
    cursor:pointer;
}

#number-1{
    background-color: rgb(175, 136, 195);
    color: white;
    box-shadow: 0px 3px rgb(159, 74, 208);
}

#number-1:hover{
    background-color: rgb(136, 36, 193);
    cursor:pointer;
    box-shadow: 0px 3px rgb(131, 4, 205);
}

#operator-c{
    margin-top: 0px;
    background-color: rgb(248, 162, 176);
    color: white;
    box-shadow: inset 0px -3px rgb(244, 127, 147) !important;
}

#operator-c:hover{
    background-color: rgb(255, 127, 149);
    color: white;
    box-shadow: 0px 3px rgb(249, 82, 110);
}

#operator-equal{
    background-color: rgb(249, 249, 106);
    box-shadow: 0px 3px rgb(149, 149, 1);
}

#operator-equal:hover{
    background-color: rgb(241, 241, 73);
    box-shadow: 0px 3px rgb(133, 133, 5);
}
```

```
}  
#display {  
  background-color: #a0cafd;  
  height: 40px;  
  width: 200px;  
  border: none;  
  text-align: right;  
  font-size: 18px;  
  font-weight: bold;  
  border-radius: 5px;  
  cursor: text;  
  box-shadow: inset 0px 3px #84b9f9;  
}
```

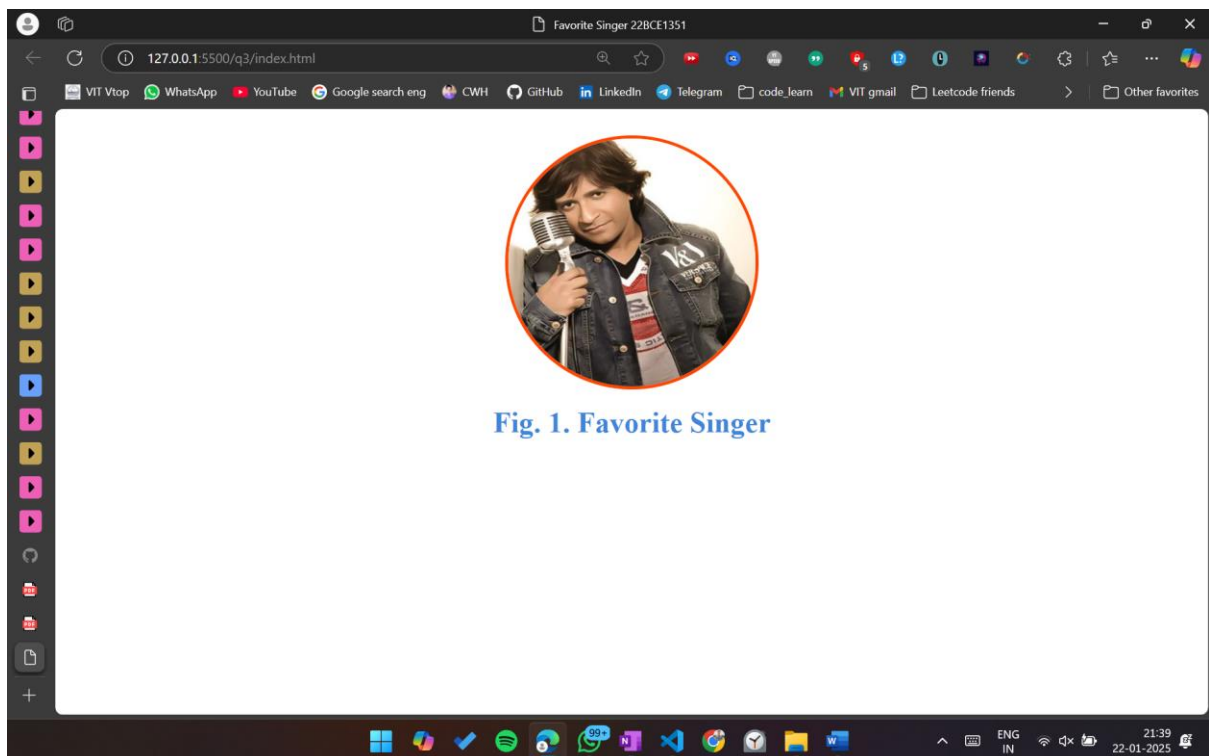
3. Include your favorite singer's photo as an image. Add an **INTERNAL CSS** class named **myphoto** that fulfils the following requirements: (3 marks)

- ◆ The image border is rounded, so that it appears as a circle.
- ◆ The image width and height are both 150px.
- ◆ The image has a solid border, has a width of 2px, and be coloured with your favourite colour.
- ◆ Add title to the image and apply font change and color change animation effect. Use percentage to apply different colors and change font size.

For example, the image should look like Fig1:



Fig. 1. Photo



Html (inline css)

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Favorite Singer 22BCE1351</title>
  <style>
    .myphto {
      width: 150px; /* Set image width */
      height: 150px; /* Set image height */
      border-radius: 50%; /* Makes the border rounded to create a circle
*/
      border: 2px solid #ff4500; /* Solid orange border */
      display: block;
      margin: 0 auto; /* Center the image */
    }

    figcaption {
      text-align: center;
      font-size: 16px;
      font-weight: bold;
      margin-top: 10px;
      animation: changeFont 4s infinite;
    }

    @keyframes changeFont {
      0% {
        color: #ff4500;
        font-size: 16px;
      }
      50% {
        color: #1e90ff;
        font-size: 18px;
      }
      100% {
        color: #32cd32;
        font-size: 16px;
      }
    }
  </style>
</head>

<body>
  <figure>
```

```
    
    <figcaption>Fig. 1. Favorite Singer</figcaption>
  </figure>
</body>

</html>
```

Thank!
You!