

Programme	: B.Tech.	Semester	: Winter24-25
Course	: BCSE203E: Web Programming Lab	Slot	: TE1/TE2
Faculty	: Dr. LM Jenila Livingston	Marks	: 10

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Register no: 23BCE5036

Exercise-6

Q1. Apply styles using INLINE CSS to the below table. And add pseudo-class to make initial cap using internal CSS.

Code:

```

1  <html>
2  <head>
3    <title>23BCE5036</title>
4    <style>
5      .capitalize {
6        text-transform: capitalize;
7        text-align: left;
8      }
9      ul li::marker{
10       color: grey;
11       text-align: center;
12     }
13   </style>
14 </head>
15 <body>
16   <table border="2" style="border-collapse: collapse; width: 400px; text-align: center;">
17     <tr>
18       <td style="background-color: #214254; color: #d9d9d9; font-weight: bold; font-size: 20px;">LEARN DATA SCIENCE</td>
19     </tr>
20     <tr>
21       <td style="padding: 10px; font-size: 18px; color: #214254;">
22         <ul>
23           <li class="capitalize">Unlimited jobs</li>
24           <li class="capitalize">Best benefits anywhere</li>
25           <li class="capitalize">Call for an appointment</li>
26         </ul>
27       </td>
28     </tr>
29   </table>
30 </body>
31 </html>

```

<html>

<head>

<title>23BCE5036</title>

<style>

.capitalize {

```

        text-transform: capitalize;

        text-align: left;
    }
    ul li::marker{
        color: grey;
        text-align: center;
    }
</style>
</head>
<body>
    <table border="2" style="border-collapse: collapse; width: 400px; text-align: center;">
        <tr>
            <td style="background-color: rgb(214, 162, 65); color: rgb(252, 244, 244) ; font-weight:
bold; font-size: 20px;">LEARN DATA SCIENCE</td>
        </tr>
        <tr>
            <td style="padding: 10px; font-size: 18px; color: steelblue;">
                <ul>
                    <li class="capitalize">Unlimited jobs</li>
                    <li class="capitalize">Best benefits anywhere</li>
                    <li class="capitalize">Call for an appointment</li>
                </ul>
            </td>
        </tr>
    </table>
</body>
</html>

```

Output:

LEARN DATA SCIENCE





- Unlimited Jobs
- Best Benefits Anywhere
- Call For An Appointment

Question-2

```
index.html x # calc.css
index.html > html > body > div.calculator > table#calc-table > tr > td > button.clear
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>23BCE5036</title>
5   <link rel="stylesheet" href="calc.css">
6 </head>
7 <body>
8   <div class="calculator">
9     <table id="calc-table">
10      <tr>
11        <td colspan="3"><button class="clear">C</button></td>
12        <td colspan="1"><input type="text" id="display" readonly></td>
13      </tr>
14      <tr>
15        <td><button>7</button></td>
16        <td><button>8</button></td>
17        <td><button>9</button></td>
18        <td><button class="operator">+</button></td>
19      </tr>
20      <tr>
21        <td><button>4</button></td>
22        <td><button>5</button></td>
23        <td><button>6</button></td>
24        <td><button class="operator">-</button></td>
25      </tr>
26      <tr>
27        <td><button>1</button></td>
28        <td><button>2</button></td>
29        <td><button>3</button></td>
30        <td><button class="operator">÷</button></td>
31      </tr>
32      <tr>
33        <td><button>0</button></td>
34        <td><button>.</button></td>
35        <td><button class="equals">=</button></td>
36        <td><button class="operator">x</button></td>
37      </tr>
```






```
34      <td><button>.</button></td>
35      <td><button class="equals">=</button></td>
36      <td><button class="operator">x</button></td>
37    </tr>
38  </table>
39 </div>
40 </body>
41 </html>
42
```

```

# calc.css >  .equals
1  .calculator {
2      width: 300px;
3      margin: 50px auto;
4      background-color:  #87CEEB;
5      padding: 20px;
6      border-radius: 10px;
7      font-family: Arial, sans-serif;
8  }
9
10 #calc-table {
11     width: 100%;
12     border-spacing: 5px;
13 }
14
15 #display {
16     width: 100%;
17     height: 40px;
18     margin-bottom: 10px;
19     background-color:  #B0C4DE;
20     border: none;
21     border-radius: 5px;
22     font-size: 20px;
23     text-align: right;
24     padding: 5px;
25 }
26
27 button {
28     width: 100%;
29     height: 50px;
30     border: none;
31     border-radius: 5px;
32     font-size: 18px;
33     background-color:  rgb(93, 34, 34);
34     cursor: pointer;
35 }

```

```

36
37 button:hover {
38     background-color:  #9774dd;
39     color:  white;
40     transition: all 0.3s;
41 }
42
43 .operator {
44     background-color:  #60393f;
45 }
46
47 .operator:hover {
48     background-color:  #8A2BE2;
49     color:  white;
50 }

```

```

52  .clear {
53      background-color: #e6aab4;
54  }
55
56  .clear:hover {
57      background-color: #4740a2;
58      color: white;
59  }
60
61  .equals {
62      background-color: #FFFFE0;
63  }
64
65  .equals:hover {
66      background-color: #4b225d;
67      color: white;
68  }
69  .calculator {
70      width: 300px;
71      margin: 50px auto;
72      background-color: #87CEEB;
73      padding: 20px;
74      border-radius: 10px;
75      font-family: Arial, sans-serif;
76  }
77
78  #calc-table {
79      width: 100%;
80      border-spacing: 5px;
81  }

```

```

#display {
    width: 100%;
    height: 40px;
    margin-bottom: 10px;
    background-color: #B0C4DE;
    border: none;
    border-radius: 5px;
    font-size: 20px;
    text-align: right;
    padding: 5px;
}

```

```

button {
    width: 100%;
    height: 50px;
    border: none;
    border-radius: 5px;
    font-size: 18px;
    background-color: white;
    cursor: pointer;
}

```

```

button:hover {
  background-color: #9370DB;
  color: white;
  transition: all 0.3s;
}

.operator {
  background-color: #d88b96;
}

.operator:hover {
  background-color: #8A2BE2;
  color: white;
}

.clear {
  background-color: #FFB6C1;
}

.clear:hover {
  background-color: #8A2BE2;
  color: white;
}

.equals {
  background-color: #FFFFE0;
}

.equals:hover {
  background-color: #9400D3;
  color: white;
}

```

1) Calc.css

```

.calculator {
  width: 300px;
  margin: 50px auto;
  background-color: #87CEEB;
  padding: 20px;
  border-radius: 10px;
  font-family: Arial, sans-serif;
}

```

```

#calc-table {
  width: 100%;
  border-spacing: 5px;
}

```

```
}
```

```
#display {  
  width: 100%;  
  height: 40px;  
  margin-bottom: 10px;  
  background-color: #B0C4DE;  
  border: none;  
  border-radius: 5px;  
  font-size: 20px;  
  text-align: right;  
  padding: 5px;  
}
```

```
button {  
  width: 100%;  
  height: 50px;  
  border: none;  
  border-radius: 5px;  
  font-size: 18px;  
  background-color: rgb(93, 34, 34);  
  cursor: pointer;  
}
```

```
button:hover {  
  background-color: #9774dd;  
  color: white;  
  transition: all 0.3s;  
}
```

```
.operator {  
  background-color: #60393f;  
}
```

```
.operator:hover {  
  background-color: #8A2BE2;  
  color: white;  
}
```

```
.clear {  
  background-color: #e6aab4;  
}
```

```
.clear:hover {  
  background-color: #4740a2;  
  color: white;  
}
```

```
.equals {  
  background-color: #FFFFE0;  
}
```

```
.equals:hover {  
  background-color: #4b225d;  
  color: white;  
}
```

```
.calculator {  
  width: 300px;  
  margin: 50px auto;  
  background-color: #87CEEB;  
  padding: 20px;  
  border-radius: 10px;  
  font-family: Arial, sans-serif;  
}
```

```
#calc-table {  
  width: 100%;  
  border-spacing: 5px;  
}
```

```
#display {  
  width: 100%;  
  height: 40px;  
  margin-bottom: 10px;  
  background-color: #B0C4DE;  
  border: none;  
  border-radius: 5px;  
  font-size: 20px;  
  text-align: right;  
  padding: 5px;  
}
```

```
button {  
  width: 100%;  
  height: 50px;  
  border: none;  
  border-radius: 5px;  
  font-size: 18px;  
  background-color: white;  
  cursor: pointer;  
}
```

```
button:hover {  
  background-color: #9370DB;  
  color: white;  
  transition: all 0.3s;
```



```

}

.operator {
    background-color: #d88b96;
}

.operator:hover {
    background-color: #8A2BE2;
    color: white;
}

.clear {
    background-color: #FFB6C1;
}

.clear:hover {
    background-color: #8A2BE2;
    color: white;
}

.equals {
    background-color: #FFFFE0;
}

.equals:hover {
    background-color: #9400D3;
    color: white;
}

```

2) Index.html

```

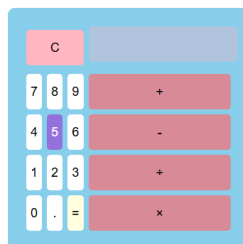
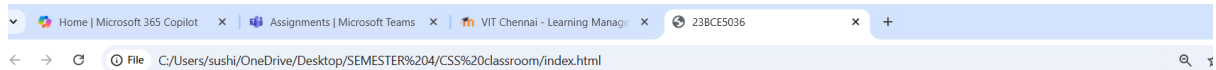
<!DOCTYPE html>
<html>
<head>
    <title>23BCE5036</title>
    <link rel="stylesheet" href="calc.css">
</head>
<body>
    <div class="calculator">
        <table id="calc-table">
            <tr>
                <td colspan="3"><button class="clear">C</button></td>
                <td colspan="1"><input type="text" id="display" readonly></td>
            </tr>
            <tr>
                <td><button>7</button></td>
                <td><button>8</button></td>
                <td><button>9</button></td>
            </tr>

```

```

        <td><button class="operator">+</button></td>
    </tr>
    <tr>
        <td><button>4</button></td>
        <td><button>5</button></td>
        <td><button>6</button></td>
        <td><button class="operator">-</button></td>
    </tr>
    <tr>
        <td><button>1</button></td>
        <td><button>2</button></td>
        <td><button>3</button></td>
        <td><button class="operator">÷</button></td>
    </tr>
    <tr>
        <td><button>0</button></td>
        <td><button>.</button></td>
        <td><button class="equals">=</button></td>
        <td><button class="operator">×</button></td>
    </tr>
</table>
</div>
</body>
</html>

```



Question-3

Code:

```
Welcome index.html x # style.css
index.html > html > body > h1.title
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="author" content="My Favorite singer">
7      <title>23BCE5036</title>
8      <style>
9          .myphto {
10              width: 150px;
11              height: 150px;
12              border-radius: 50%;
13              border: 2px solid hotpink;
14              display: block;
15              margin: 20px auto;
16          }
17
18          .title {
19              text-align: center;
20              font-size: 20px;
21              animation: colorchange 5s infinite;
22          }
23
24          @keyframes colorchange {
25              0% {
26                  color: red;
27                  font-size: 20px;
28              }
29
30              25% {
31                  color: blue;
32                  font-size: 22px;
33              }
34
35              50% {
36                  color: green;
37                  font-size: 24px;
38              }
39
40              75% {
41                  color: purple;
42                  font-size: 26px;
```

```

40         75% {
41             color: purple;
42             font-size: 26px;
43         }
44
45         100% {
46             color: orange;
47             font-size: 28px;
48         }
49     }
50 }
51 </style>
52 </head>
53
54 <body>
55     <h1 class="title">My Favorite Singer -Alexey Vorobyov</h1>
56     
57
58 </div>
59 </body>
60
61 </html>

```

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="author" content="My Favorite singer">

<title>23BCE5036</title>

<style>

```

.myphto {
    width: 150px;
    height: 150px;
    border-radius: 50%;
    border: 2px solid hotpink;
    display: block;
    margin: 20px auto;
}

```

```

.title {
    text-align: center;
    font-size: 20px;
    animation: colorchange 5s infinite;
}

```

```

@keyframes colorchange {
    0% {
        color: red;
    }
}

```

```
        font-size: 20px;
    }

    25% {
        color: blue;
        font-size: 22px;
    }

    50% {
        color: green;
        font-size: 24px;
    }

    75% {
        color: purple;
        font-size: 26px;
    }

    100% {
        color: orange;
        font-size: 28px;
    }

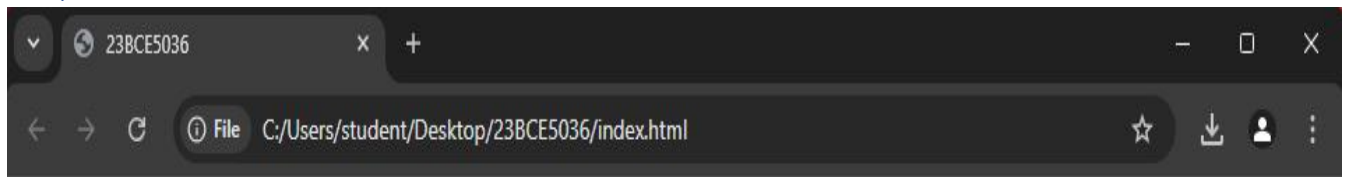
    }
</style>
</head>

<body>
    <h1 class="title">My Favorite Singer -Alexey Vorobyov</h1>
    

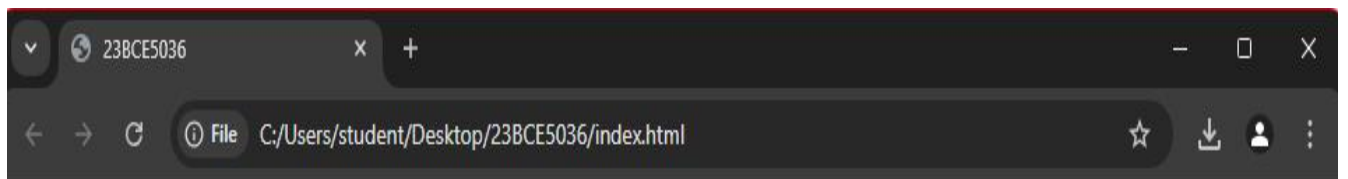
    </div>
</body>

</html>
```

Output:



My Favorite Singer -Alexey Vorobyov



My Favorite Singer -Alexey Vorobyov

