

EXPERIMENT – 6

Name : Sharon Elango

Batch : 3

Roll no : 62

#Code :

#HTML

```
<!DOCTYPE html>

<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Interactive JS Demo</title>
    <link rel="stylesheet" href="style3.css">
</head>

<body>

    <div class="container" id="mainContainer">
        <h1>Interactive Lab</h1>

        <div class="card">
            <h3>Counter</h3>
            <p id="counterDisplay">0</p>
            <div class="btn-group">
                <button id="incrementBtn">Add +1</button>
```

```
<button id="resetBtn" class="secondary">Reset</button>
</div>
</div>

<div class="card">
  <h3>Live Text</h3>
  <input type="text" id="textInput" placeholder="Type something...">
  <p class="preview">You typed: <span id="textOutput">...</span></p>
</div>

<div class="card">
  <h3>Appearance</h3>
  <button id="bgToggle">Change Background</button>
</div>
</div>

<script src="script.js"></script>
</body>
</html>
```

```
#CSS

/* style.css */

:root {

    --bg-color: #f4f7f6;

    --card-bg: #ffffff;

    --text-color: #333;

}
```

```
/* Class to be toggled by JS */

.dark-theme {

    --bg-color: #2c3e50;

    --card-bg: #34495e;

    --text-color: #ecf0f1;

}
```

```
body {

    background-color: var(--bg-color);

    color: var(--text-color);

    font-family: 'Segoe UI', sans-serif;

    display: flex;

    justify-content: center;

    align-items: center;

    min-height: 100vh;
```

```
margin: 0;  
transition: background 0.3s ease;  
}  
  
.container { width: 350px; text-align: center; }  
  
.card {  
background: var(--card-bg);  
padding: 20px;  
margin-bottom: 20px;  
border-radius: 12px;  
box-shadow: 0 4px 15px rgba(0,0,0,0.1);  
}  
  
button {  
padding: 10px 20px;  
border: none;  
border-radius: 6px;  
background-color: #3498db;  
color: white;  
cursor: pointer;  
font-weight: 600;  
}
```

```
button:hover { background-color: #2980b9; }
```

```
button.secondary { background-color: #95a5a6; margin-left: 10px; }
```

```
input {  
    width: 80%;  
    padding: 8px;  
    border: 1px solid #ddd;  
    border-radius: 4px;  
}
```

```
.preview { margin-top: 15px; font-style: italic; }
```

OUTPUT :

Toggle Theme

Contact Me

Email

sharonelango10@student.sfit.ac.in

Phone (10 digits)

1234567890

Password (Min 8 chars)

Submit Details