

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

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Phone (10 digits)

1234567890

Password (Min 8 chars)

Submit Details