

PROGRAMME-9

Aim:

Evaluating JavaScript Event Handling for every click of a button to change the background color of a HTML page

Code:

theme.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
  <script src="script.js"></script>
</head>
<body id="body">
  <div class="btn">
    <button id="button" onclick="return themeChange();">Dark Mode</button>
  </div>
  <div class="heading">
    <h1 align="center" id="heading"><span>THE</span>ME</h1>
    <hr width="8%">
  </div>
</body>
</html>
```

script.js

```
let themeChange = () => {
  let body = document.getElementById('body')
  let border = document.getElementById('button')
  const white = "rgb(255, 255, 255)"
  let bgcolor = window.getComputedStyle(body, null).getPropertyValue("background-color")
  if (bgcolor === white) {
    body.style.backgroundColor = "black"
    body.style.color = "white"
    border.style.backgroundColor = "black"
    border.style.border = "1px solid white"
    border.style.color = "white"
    border.innerHTML = "Light Mode"
    border.onmouseover = function () {
      this.style.backgroundColor = "white"
      this.style.color = "black"
    }
  }
}
```

```

    }
  }
  else {
    body.style.backgroundColor = "white"
    body.style.color = "black"
    border.style.backgroundColor = "white"
    border.style.border = "1px solid black"
    border.style.color = "black"
    border.innerHTML = "Dark Mode"
    border.onmouseover = function () {
      this.style.backgroundColor = "black"
      this.style.color = "white"
    }
  }
}

```

style.css

```

*{
  box-sizing: border-box;
}
#body{
  width: 100%;
  height:100vh;
  margin: 0;
  background-color: white;
}
h1{
  margin-top: 30vh;
  display: relative;
  letter-spacing: 8px;
  font-family: fantasy;
  font-weight: bolder;
  font-size: 48px;
}
span{
  color: red;
}
hr{
  transform: translateX(-50px);
}
.btn{
  display: flex;
  flex-direction: row-reverse;
  padding: 2em;
}
button{
  height: 2.5em;
  width: 8em;
  border-radius: 4px;
  border: 1px solid black;
}

```

```
    cursor: pointer;
}
button:hover{
    background-color: black;
    color: rgb(214, 214, 214);
    box-shadow: 0 0 5px rgba(0,0,0,.5);
}
```

Output:



