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:

```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:

```javascript
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:

THEME

Light Mode