Experiment No: 08

Name: Prathmesh Bonde

Roll No.: 42115

Class: BE5 P5

Subject: JavaScript

Problem statement:

Write a JavaScript program to create a home page of any website and change background colour using

    i.   On mouse over event

    ii.   On focus event

Software:

VS Code, Browser

Code:

```html
<!-- Name: Prathmesh Bonde
Roll No.: 42115 -->
<html style="text-align: center">

<head>
    <title> Change background color</title>
</head>

<body>
    <h1>Webpage</h1>
    <h1>Name: Prathmesh Bonde</h1>
    <h3>Roll No.: 42115</h3>
    <h3>Div: BE5</h3>
    <h3>Batch: P5</h3>
    <p>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aperiam eius
        enim pariatur atque iusto sapiente minus esse tenetur. Neque nihil eum
        nostrum dicta, tenetur repudiandae error sint corporis aliquam ad!
    </p>
    <p>
```

```
        Lorem ipsum dolor sit amet consectetur adipisicing elit. In, doloribus
id
        similique consequuntur assumenda omnis, non dolor placeat porro dolores
        fugit neque suscipit recusandae nam sapiente eum qui, explicabo quidem!
    </p>

    <button id="btn1">Click me</button>
    <button id="btn2">Focus on me</button>

    <script src="Expt8.js"></script>
</body>

</html>
```

Javascript code:

```javascript
// Name: Prathmesh Bonde
// Roll No.: 42115
var button1 = document.getElementById('btn1');
var flag1 = false;
button1.addEventListener('click', function onClick() {
  if (flag1) {
    flag1 = false;
    document.body.style.backgroundColor = 'red';
  } else {
    flag1 = true;
    document.body.style.backgroundColor = 'green';
  }
});

var button2 = document.getElementById('btn2');
var flag2 = false;
button2.addEventListener('mouseover', function onHover() {
  if (flag2) {
    flag2 = false;
    document.body.style.backgroundColor = 'yellow';
  } else {
    flag2 = true;
    document.body.style.backgroundColor = 'orange';
  }
});
```

Output: