

JavaScript – Tutorial

03.

```
<html>

<head>
  <title>Change Background Color</title>
  <style>
    .color-button {
      padding: 10px 20px;
      font-size: 16px;
      cursor: pointer;
      border: none;
      margin: 5px;
    }
  </style>
</head>
<body>
  <button class="color-button" onmouseover="changeColor('red')"
onmouseout="resetColor('red')">Red</button>
  <button class="color-button" onmouseover="changeColor('green')"
onmouseout="resetColor('green')">Green</button>
  <button class="color-button" onmouseover="changeColor('blue')"
onmouseout="resetColor('blue')">Blue</button>

  <script>
    function changeColor(color) {
      document.body.style.backgroundColor = color;
    }

    function resetColor(color) {
      document.body.style.backgroundColor = "white";
    }
  </script>
</body>
</html>
```

04.

```
<html>
<head>
  <title>Calculate Circle Area</title>
</head>
<body>
  <script>
    const pi = 22 / 7;
    // Get radius from the user through a prompt box
    const radius = parseFloat(prompt("Enter the radius of the circle:"));
    // Calculate the area
    const area = pi * radius * radius;
    // Display the result in an alert
    alert(`The area of the circle with radius ${radius} is: ${area}`);
  </script>
</body>
</html>
```