

Tutorial 08

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//Tutorial 08
//Exercise 3
<!DOCTYPE html>
<html>
<head>
  <title>Change Background Color</title>
  <style>
    .color-button {
      width: 100px;
      height: 50px;
      margin: 10px;
      font-size: 16px;
      cursor: pointer;
    }
  </style>
</head>
<body>
  <h2>Change Background Color</h2>
  <button class="color-button" onmouseover="changeBackgroundColor('red')"
onmouseout="resetBackgroundColor()">Red</button>
  <button class="color-button" onmouseover="changeBackgroundColor('green')"
onmouseout="resetBackgroundColor()">Green</button>
  <button class="color-button" onmouseover="changeBackgroundColor('blue')"
onmouseout="resetBackgroundColor()">Blue</button>

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

    function resetBackgroundColor() {
      document.body.style.backgroundColor = 'white';
    }
  </script>
</body>
</html>

//Exercise 04

<!DOCTYPE html>
<html>
<head>
```

```
<title>Calculate Circle Area</title>
</head>
<body>
  <h2>Calculate Circle Area</h2>
  <script>
    const PI = 22 / 7;

    function calculateCircleArea() {
      const radius = parseFloat(prompt('Enter the radius of the circle:'));
      if (isNaN(radius) || radius <= 0) {
        alert('Please enter a valid positive number for the radius.');
```

return;

```
      }

      const area = PI * radius * radius;
      alert('The area of the circle is: ' + area.toFixed(2));
    }
  </script>
  <button onclick="calculateCircleArea()">Calculate Area</button>
</body>
</html>
```