3)

<html>

<head>

<title>Change Background Color</title>

<style>

button {

padding: 10px 20px;

font-size: 16px;

cursor: pointer;

}

</style>

</head>

<body>

<h1>Move the mouse pointer over the buttons to change the background color</h1>

<button onmouseover="changeColor('red')" onmouseout="restoreColor('red')">Red</button>

<button onmouseover="changeColor('green')" onmouseout="restoreColor('green')">Green</button>

<button onmouseover="changeColor('blue')" onmouseout="restoreColor('blue')">Blue</button>

<script>

function changeColor(color) {

document.body.style.backgroundColor = color;

}

function restoreColor(color) {

document.body.style.backgroundColor = 'white';

}

</script>

</body>

</html>