

```

<!DOCTYPE html>
<html>
<head>
  <title>Interactive Button</title>
  <style>
    #output {
      width: 200px;
      height: 50px;
      background-color: #f0f0f0;
      text-align: center;
      line-height: 50px;
    }
  </style>
</head>
<body>
  <button id="myButton">Click Me!</button>
  <div id="output">Message will appear here.</div>
  <script src="u3-t3.js"></script>
</body>
</html>

```

```

// Get references to the button and output div
const button = document.getElementById('myButton');
const output = document.getElementById('output');

// Function to change button text and background color
function changeButtonText() {
  // Change the button text
  button.textContent = 'Clicked!';

  // Change the background color of the output div
  output.style.backgroundColor = 'steelblue';

  // Display a message in the output div
  output.textContent = 'You clicked the button';
}

// Add a click event listener to the button
button.addEventListener('click', changeButtonText);

```

Click Me!

Message will appear here.

Clicked!

You clicked the button