

MOUSE EVENTS



IN THIS LESSON

onclick()

onmousedown()

onmouseup()

onmouseover()

onmouseout()



ONCLICK

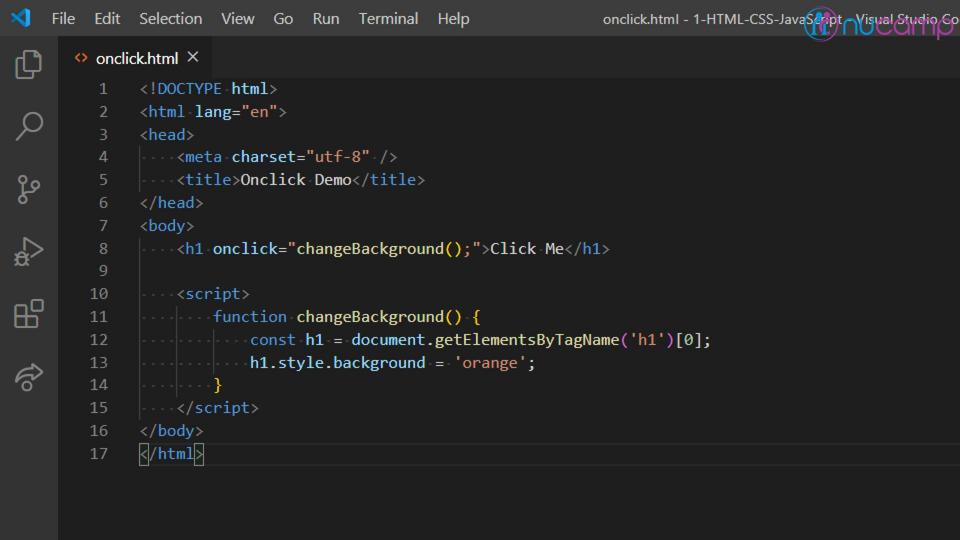
When used from inside HTML, theses are called inline event handlers

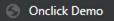
Set as an attribute of any clickable HTML element

Runs the JavaScript in the attribute value anytime the element it is set on is clicked

Typically, use it to call a function

<h1 onclick="changeBackground();">Click Me</h1>

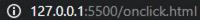












Click Me



ONMOUSEDOWN & ONMOUSEUP

onmousedown: mouse button has been clicked down

onmouseup: mouse button has been released

```
onmousedownup.html - 1-HTML-C
      Edit Selection View Go Run Terminal Help
      onmousedownup.html ×
            <!DOCTYPE html>
            <html lang="en">
            <head>
            <meta charset="utf-8" />
            <title>Onmousedown & Onmouseup Demo</title>
            </head>
            <body>
            <h1 onmousedown="changeBackground();" onmouseup="revertBackground()">Click Me</h1>
             <script>
       10
8
       11
            const h1 = document.getElementsByTagName('h1')[0];
       12
       13
             function changeBackground() {
       14
             h1.style.background = 'orange';
       15
            - - | - - - <del>-</del> }
            function revertBackground() {
       17
            h1.style.background = 'white';
       18
            }
             /script>
       19
       20
            </body>
```



ONMOUSEOVER & ONMOUSEOUT

onmouseover: start hovering over an element with your mouse

onmouseout: move off the element that you are hovering over

```
onmouseoverout.html - 1-HTML-CSS-JavaScript - Sval Studio Code
onmouseoverout.html ×
      <!DOCTYPE html>
      <html lang="en">
      <head>
      <meta charset="utf-8" />
      <title>Onmouseover & Onmouseout Demo</title>
      <style>
      div {
      font-size: 24px;
      · · · · | · · · · }
      </style>
 10
 11
      </head>
      <body>
 12
      <div onmouseover="changeBackground('red');" onmouseout="changeBackground('yellow');">
 13
       Move your mouse over this text, then move it out
 14
 15
       </div>
 17
      <script>
       function changeBackground(newColor) {
 18
 19
       document.getElementsByTagName('div')[0].style.background = newColor;
 20
      21
      </script>
      </body>
 22
      </html>
```



Move your mouse over this text, then move it out





Move your mouse over this text, then move it out