

# JS Event Handling

# What is an event?

- A JavaScript event is a callback that gets fired when something happens related to the Document Object Model on your website
- For instance, when an element is clicked, or perhaps hovered over
- An event handler can be attached to an element so that when a specific event happens, a specific "callback" function gets fired

# Listening for events - native JS

```
document.  
getElementById("someId").addEventListener("click", function(event){  
    alert('you clicked me')  
})
```

# Listening for events - native JS

```
//reference the document (page we're //currently on)  
document.
```

```
//lookup an element by ID  
getElementById("someId").
```

```
//attach an event handler - an anonymous  
// function to execute - when the elem is //clicked  
addEventListener("click", function(event) {  
    alert('you clicked me')  
})
```

# Exercise

Create an event that listens for the click on an `<h1>` element

Have it send an alert message of whatever text is inside the the `<h1>`

# Resources

Codecademy

Make an Interactive Website - Events

TeamTreeHouse

Interactive Web Pages with JavaScript - Selecting Elements and Adding Events with JavaScript