JavaScript Fundamentals

- The DOM (who remembers what this is?)

- JavaScript Methods and Functions

- JavaScript Variables

- Javascript Arrays

- JavaScript Data Types

- Modifying HTML with JavaScript

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By the end of the day, we will be able to read this:

HTML ▾

```html
<!DOCTYPE html>
<html>
<head>
<meta name="description" content="Javascript Selectors"
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>JS Selectors</title>
</head>
<body>
  <p>This paragraph is <em>outside</em> #div1</p>
  <div id="div1">
    <p>This is a paragraph in #div1</p>
    <p>This is another paragraph in #div1</p>
  </div>
</body>
</html>
```

JavaScript ▾

```javascript
// store the DOM element #div1 in variable myDiv
let myDiv = document.getElementById("div1");

// select all <p> elements and
//store as array in variable allPara
let allPara = document.getElementsByTagName("p");

//  when myDiv (#div1) is clicked
myDiv.addEventListener("click", function() {

  //set the background color of myDiv to cyan
  myDiv.style.background = "cyan";

  // set background of first <p> in array to orange
  allPara[0].style.background = "orange";

  // set background of 3rd <p> in array to yellow
  allPara.style.background = "yellow";
});
```