Intro to JavaScript and CSS

Change the CSS of an HTML Element Using Javascript

1) Store an HTML element in a variable:

   var divTwo = document.getElementById("two");

 2) Set a style property using the following format:

   divTwo.style.propertyName = value;

JS vs CSS Property Syntax

CSS uses hyphens '-' to combine two words

```
p {
    background-color: red;
}
```

JS uses camelCase

divTwo.style.backgroundColor = "red";

JS vs CSS Property Syntax

With JS, we often need to use "quotes" around the values.

```css
#blah {
    width: 500px;
}
```

```js
document.getElementById("blah").style.width = "500px";
```

Which CSS properties can we edit with JS?

All of them.

The syntax is just different, as we just saw.

Activity

- Create a pen in Codepen.io that takes input from your user. The input will be a number that represents the radius of a circle

- Level 1: Use Javascript to calculate and output the area to the screen

- Level 2: Have your app give the circumference of the circle as well.

- Level 3: Have your app create a circle with the radius entered. Use a div. Similar to the Do Now.

- Submit your work at bit.ly/ExitTicket10-29-18