Take 2

Counter Project

Recap & Plan

From idea to plan to product

How to write Pseudocode

- English first, then Javascript

Recap: DOM Manipulation

```html
<div id="my-cool-div">Go home early??</div>
```

- How to find this element and use it in JS?

```javascript
const element = document.getElementById('my-cool-div');
```

Recap: DOM Manipulation

```html
<div id="my-cool-div">Go home early??</div>
```

- How to change this element's contents?

```javascript
const element = document.getElementById('my-cool-div');
element.innerText = "Can we leave at 4PM today??";
```

Recap: DOM Manipulation

```html
<div id="my-cool-div">Go home early??</div>
```

- How to change this element's style?

```javascript
const element = document.getElementById('my-cool-div');
element.style.backgroundColor = "red";
```

Recap: DOM Manipulation

```html
<div id="my-cool-div">Go home early??</div>
```

- How to make new HTML elements?

```javascript
const element = document.getElementById('my-cool-div');
const newElement = document.createElement('h1');
newElement.innerText = "PLEASE???";
element.appendChild(newElement); // Add to parent
element.remove(); // Remove from parent
```

Recap: Event handlers

- This is the event handler

```
function saySomething() {
  alert("Can I go home at 4PM today its important??");
}
```

- Method 1 to connect it to an HTML element:

```
<div onclick="saySomething()">Click me</div>
```

- Method 2 to connect it to an HTML element:

```
const element = document.getElementById('my-cool-div');
element.addEventHandler('click', saySomething);
```