

## Section 4: The DOM and Event Handling

Due Date: Tuesday, April 17th

## 0. Gotta Change My \*\*\*\*\*!

Given the HTML and JS below (assume the HTML is part of a page correctly linking to the JS code), finish the JS to implement a "change password" feature.

When a user clicks the "Change Password" button, if the length of the input text is at least 10 characters, the p tag with id result should be populated with the text "Your new password is: PASSWORD. Don't share it!" (replace PASSWORD with the value of the input text). Otherwise, the paragraph should be populated with the message "Please enter a password of at least 10 characters in length!" Any existing message in the result paragraph should be replaced whenever the "change password" button is clicked.

```
<!-- BEGIN HTML -->
<h1>Super-Secure Password Updater</h1>
<p>
  New Password: <input type="text" id="pw-input" />
  <button id="new-pw-btn">Change Password</button>
</p>
<p id="result"></p>
<!-- END HTML -->

/* BEGIN JS (finish me!) */
"use strict";
(function() {
  window.onload = function() {
    // 1. Add your event handler(s)

  };

  // 2. Implement this function to process a new password and output a result message
  //    in <p id="result"></p>
  function changeMyPassword() {

  }

  // Use this helpful function in replace of document.getElementById if you'd like!
  // E.g. $("my-id") instead of document.getElementById("my-id");
  function $(id) {
    return document.getElementById(id);
  }
})(); /* END JS */
```