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.

Solution:

```
"use strict";
(function() {
  /**
   * Sets up the Change Password button event handler for checking for
   * a valid (secure) new password.
   */
  window.onload = function() {
    $("new-pw-btn").onclick = changeMyPassword;
  }

  /**
   * "Updates" a user's password, displaying a success message on the page if the user
   * provided a secure (>= 10 characters in length) new password, otherwise displaying
   * a message that the new password should be longer.
   */
  function changeMyPassword() {
    let password = $("pw-input").value;
    let result;
    if (password.length >= 10) {
      result = "Your new password is: " + password + ". Don't share it!";
    } else {
      result = "Please input a password of at least 10 characters.";
    }
    $("result").innerHTML = result;
  }

  /**
   * Returns the element that has the ID attribute with the specified value.
   * @param {string} id - element ID
   * @return {object} DOM object associated with id.
   */
  function $(id) {
    return document.getElementById(id);
  }
})();
```