Lab 5 – End-to-end Testing with Cypress (4% of final grade)

Create a Cypress testing suite to test the Log in app from your (original) Lab 2. See the Requirements Document for the app listed below after the lab requirements.

REQUIREMENTS
IF I DON'T REVIEW THIS IN CALSS, ONLY SUBMIT YOUR APP FILES (HTML/CSS/JS) and your Cypress spec file). DO NOT SUBMIT THE CYPRESS SUITE FOLDERS OR FILES.

Part 1: Complete the Form   (1%)

1. Create the Test to Pass specs to complete the form with expected values.

Part 2: Submit the form   (1%)

2. Create the specs to submit the form, confirm the hidden div is visible, and ensure that the output is correct.

Part 3: Test to Fail (EXTRA CHALLENGE)   (2%)

3. Now, add a new block of Test to Fail specs that will check:

    a. No text input for name box

    b. Name box has input text, with empty password box

    c. TIP: The first spec of your Test to Fail should refresh (visit) the page.

Log In Application Requirements Document

1. When initialized, the User should see the log in application.
2. The User should be able to enter a username and password.
3. Clicking on "log in" should submit the form.
4. When the form submits, the hidden output div appears, and the User should see the values entered for username & password in the output div.
5. If the username box is empty when the form submits, the User should see the username background turn red and that the focus is set there.
6. If the password box is empty when the form submits, the User should see the password background turn red and that the focus is set there.

TIP: It is extremely helpful to write out the steps in English first. Imagine you are creating a list of steps for your colleague to execute. After that, create your specs from these steps.