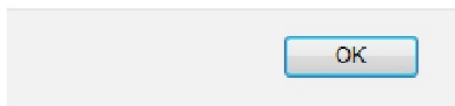Week 3 Assignment

(A) Design a "signup form" using HTML and CSS. Your task of this assignment is to validate user inputs for the signup web page using external JavaScript. Assume all inputs are in English. The validation should satisfy the following requirements:

1. Create a Lab3 folder for this lab and put your lab 3 files in it.

2. Use external JavaScript to do the validation, for example, create a `validate_signup.js` file.

3. All form elements should have an input. Report all empty input with one alert box only. See image below

4. Maximum length of "Email" is 60 characters.

5. Maximum length of "Username" is 40 characters.

6. "Password" length must be exactly 8 characters.

7. "Confirm Password" field and "Password" field must match.

8. For correct user inputs, show the user inputs in an alert window. Otherwise, warn the user in an alert window.

9. Add a link to your `signup.html` on your `index.html` and name the link `Lab_3_js`

10. Zip your Lab3 folder containing the **signup.html** and **validate_signup.js** files, and upload on Moodle course page by 30-Mar-2021.

Note: Output all warnings and validated results in one Alert Box. Otherwise, partial marks will be deducted. Using an Alert Box is a simple way to give feedback, but it is **not** preferred. The preferred method will actually be discussed in the following lab (i.e., JavaScript and DOM Operations). You should **not** use alert boxes or other modal windows beyond this lab assignment.

B) Write a length converter using JavaScript. The user can choose any of the following units: meters, kilometres, and milimeters. Use innerHTML to display the result. Filename: convert.html