# Assignment 5: DOM Challenges III

* **Due** Jan 10th, 2020 by 9:00 AM
* **Points** 20

**Goal:**

* To further demonstrate your understanding of HTML, CSS, JS, DOM manipulation, and handling user events, Promises and fetch API

**Assignment:**

In this assignment, you will be creating a basic currency converter that use some API. The following is the API that you will be using

* <https://www.exchangerate-api.com/>
* <https://www.exchangerate-api.com/docs/supported-currencies> (list of countries)

To complete this assignment, you are going to create an html page that has the following features

* A dropdown that contains currencies from different countries to convert from
* An input box where the user will enter the amount that he/she would like to convert to the new currency
* A dropdown that contains currency to convert to
* A read-only input box where the results of converted currencies will be posted
* A Button: when clicked will be used to convert the currency. If the user clicks this button and the input box where the user is supposed to enter the currency is empty, then the user should be alerted that they should provide some form of valid input.

For more details, refer to the image below.

A screenshot of a cell phone

Description automatically generated

**Grading criteria:**

* Code has a comment that notes/documentation on which problem/feature the particular function is attempting to solve
* All solutions should explicitly fulfill the requirements noted in each problem.
* Make sure you are using the Promises and fetch API

**Complete =** Meets all grading criteria above.

**Incomplete =** Does not meet all grading criteria above. Needs improvement or missing submission.