

# Home Assignment. Operators & Functions

You need to submit this task for review.

Watch the video lessons to complete this task. If you have any questions, you may ask your mentor’s help via Discord.

After you submit the completed task, mentors will review it. Don’t worry if your work is not approved: you can always retake the assignment, and it won’t affect your final grade.

### Hint

Use Google Chrome DevTools or Visual Studio Code to complete the tasks. The instructions on how to do that are in the video “Set Up Local Development Environment.”

## Task 1. Temperature converter

You are asked to implement a feature for a weather app. This feature takes the temperature in Manila from the servers of PAGASA and converts it from one scale to another.

Implement 2 functions:

- convertToKelvin(tempCelsius) that converts Celsius to Kelvin
- convertToKelvin(tempFahrenheit) that converts Fahrenheit to Kelvin

### Hint

This is a continuation of the task that we have already solved in Guided Practice. Review case #2 to crack the task.

## Task 2. Tip calculator

You are asked to design an app that enables you to leave a tip. The tip should be 10% of a meal cost. Write a code that shows the total tip to be paid based on the food price.

### Hint

This is an analogy task to the one we have already solved in Guided Practice. Review case #2 to crack the task.

### Hint

Complete the code below to solve the case.

```
function computeTip(totalBill){
  ...
}
```

## How to upload completed tasks

There are 2 ways to upload the assignment:

- 1 The best way is to write your code in Visual Studio Code, save the file with the “.js” extension, make a .zip archive, and upload the file here. This option is more preferable.
  - 2 If this is easier for you, you can also copy your code from the Google Chrome console, paste it into a Word document, and upload the Word document here.
- ⊗ Mind that we won’t be able to download files with the “.js” extension right away. These assignments will be automatically rejected so you will need to reupload them in “.docx” or “.zip”.