

Home Assignment. Variables & Data Types

Mentor-Review

Module 1

Unit 1

Lesson 1

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. Calorie tracking app

You are asked to design a calorie tracking app, which helps users to:

- Keep a record of their activities.
- Monitor the number of calories they lose when performing the activity.

Sam decides to do cycling 30 minutes everyday for 15 days. Cycling for 30 minutes burns 225 calories on average. Use console.log to tell Sam how much calories he would lose:

“Great work, Sam! After 0.5 hours of running every day for a week, you may lose a total of 3375 calories.”

Hint

This is a continuation of the task that we have already solved in Guided Practice. Review case #1 to crack the task.

Task 2. Saving app

You are now working on a finance app that helps users save money. To encourage users to continue saving, you are adding a feature to show how much money they have already saved.

Suppose that Sam wants to save ₱10,000 and has already saved ₱7,500. Use console.log and variables to output the following in JavaScript:

“Thank you for your discipline and hardwork, Sam! You are now 25% away from your goal of saving ₱10,000.”

Hint

This is an analogy task to the one we have already solved in Guided Practice. Review case #1 to crack the task.

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”.