

Home Assignment. Conditionals & Loops

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. Pulse oximeter reading (part 1)

You are asked to develop a JavaScript app compatible with smartwatches. You use the sensor data of its pulse oximeter to tell a user that their oxygen level is normal or alarming. Write a function that alerts a user of their oxygen saturation.

Oxygen Saturation, (SpO2)%	Observation
≥ 96%	Normal reading.
95%	Acceptable to continue home monitoring.
93–94%	Seek advice from health professionals.
≤ 92%	Seek urgent medical advice.

Task 2. Pulse oximeter reading (part 2)

Continue with the last task, and provide more observations based on the pulse rate.

Pulse Rate, beats per minute	Observation
40–100	Normal reading.
101–109	Acceptable to continue home monitoring.
110–130	Seek advice from health professionals.
≥ 131	Seek urgent medical advice.

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”.