

# Home Assignment. Medical Clinic: Operators

Mentor-review

Level: Advanced

JavaScript

Estimated time of completion: 30–45 minutes

## 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 the use the real time chat on the learning platform. You can find it on the down right corner of your screen.

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

## Goal

You are working as a web developer for a medical clinic. In the previous assignment, you have created a script that will greet patients when they enter the web page. Use this script to complete the next steps.

Now, you are tasked to gather the patient's birth date and calculate their age.

## Task 1: Create Variables to Gather Patient Information

### Instructions

To complete the task, follow these steps:

- 1 Create a variable named "birth\_year" using the "const" keyword and assign sample number data to it.

**Hint:** The sample number could be 1999.

- 2 Create another variable named "current\_year" using the "let" keyword.
- 3 Set the value of "current\_year" to "new Date().getFullYear()."

**Hint:** This piece of code returns the year of the specified date according to local time. Don't worry. You don't need to understand it right now. We will get back to this syntax in the future lessons.

## Task 2: Calculate the Patient Age

### Instructions

To complete the task, follow these steps:

- 1 Create a variable named "age" using the "let" keyword.
- 2 Calculate the age of the patient by subtracting "birth\_year" from the "current\_year" variable. Set the result as a value for the variable "age."

**Hint:** To calculate the age of the patient, you can use the formula: "age = current\_year - birth\_year."

## Task 3: Print the Computed Age

### Instructions

To complete the task, follow these steps:

- 1 Use the "console.log()" command, and write the message `Patient's age: \${age}` in the parentheses.
- 2 Run your code.

### Expected Outcome

After running the script, VS Code should open a terminal window at the bottom and display the output of your code. You should see the computed age printed.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER
[Running] node "c:\Users\Dar1 Jed\Documents\JS_Homework\script.js"
Patient's age: 24

[Done] exited with code=0 in 0.39 seconds
```

## How to upload completed tasks

To upload the assignment, make a ".zip" archive containing all the necessary files, and upload the file here.