

Home Assignment. Medical Clinic: Statements and Loops

Mentor-review Level: Basic JavaScript
Estimated time of completion: 15–20 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 lessons' assignments, you have created a script that will greet patients once they enter the web page and compute their age based on the provided year of birth. Use this script to complete the next steps.

Unfortunately, computing the age using the year of birth cannot always be accurate. In this assignment, create a more accurate computation of the patient's age using the patient's birth month and year.

Instructions

To complete the task, follow these steps:

- 1 Create a variable named "birth_month" using the "let" keyword, and set its value as the patient's birth month. It should be a number based on the month's numeric sequence starting from 0.

Hint: January is 0, February is 1, March is 2, etc.

- 2 Create another variable named "current_month" using the "const" keyword, and set its value as "new Date().getMonth()."
- 3 Change the value of the "current_year" variable. To do that, subtract 1 from its value.

Hint: Use the assignment operator "-=".

- 4 Calculate the patient's age by subtracting "birth_year" from "current_year" and put the result into the variable "age."
- 5 Create a conditional statement. If "birth_month" is less than or equal to "current_month," then increment "age" by one.

Hint: To increment "age" by one, use the arithmetic operator "++."

Hint: Use the code below to provide the necessary changes.

```
if(/* add a conditional statement here/){
  // code block here
}
```

- 6 Use the "console.log()" command and write the message `Patient's Accurate Age: \${age}` in the parentheses.
- 7 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 something similar to the picture below. Did you notice the age of the patient? It is now much more accurate than the previous calculation.

```
[Running] node "c:\Users\Dar1 Jed\Documents\JS_Homework\script.js"
Patient's age: 24
Patient's Accurate Age: 23
```

How to upload completed tasks

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