

Home Assignment. Closures

Mentor-review Level: Easy JavaScript

Estimated time of completion: 30 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

Create a closure function that will increment a value declared in its parent function. We use a closure here, so the changes won't affect the original value while incrementing it. This assignment will help you practice your skills in using closures and give you a brief overview of how closures can be helpful.

Task 1: Declare a function

Instructions

To complete the task, follow these steps:

- 1 Open VS Code, and create a new file. Save it as "closure.js."
- 2 Declare a function named "counter."
- 3 Inside the "counter" function's code block, create a variable named "count," and set its value to 1.

Task 2: Declare a closure

Instructions

To complete the task, follow these steps:

- 1 Inside the "counter" function, declare another function, and name it "add" with one parameter named "count."
- 2 Inside the "add" function, increment the value of "count" by 1.
- 3 Return the value of "count."

Task 3: Test your closure

Instructions

To complete the task, follow these steps:

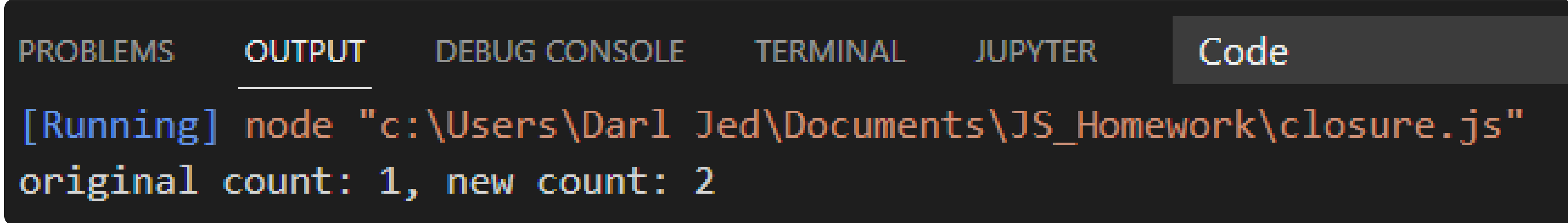
- 1 Add a return value to the "counter" function. Return the string below:

```
`original count: ${count}, new count: ${add(count)}`
```

- 2 Outside the "counter" function, print its output using "console.log()."

Expected Outcome

After running the script, you should see the following result on the console.



How to upload completed tasks

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