Home Assignment. Rectangle Area

Mentor-review

Level: Basic

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.

Goa

You are tasked to create a JavaScript program that will compute the area of a rectangle.

Task 1: Create a JavaScript File

Instructions

To complete the task, follow these steps:

- Open VS Code, and create a new file.
- 2 Save the file in the folder that you have created as "area_rectangle.js."

Expected Outcome

After completing the task, you should have a blank JavaScript file named "area_rectangle.js" in a folder called "JS_Homework_adv."

Task 2: Declare the Necessary Variables

Instructions

Length: 20

Width: 16

20 and width 16.

You have a rectangle with the length

Create a variable named "width."

To complete the task, follow these steps:

Create a variable named "length."

Set the value of "length" based on the image above.

Set the value of "width" based on the image above.

Instructions

Task 3: Calculate the Area

Create a variable named "area."

Set the value of the "area" variable as the calculation of the area for the given rectangle.

To complete the task, follow these steps:

area = length * width

Task 4: Print the Calculation Result

Instructions

Hint: The formula for the perimeter of the rectangle is:

Use the "console.log()" command, and place `Width: \${width}` in the paren-

theses.

Use the "console.log()" command, and place `Length: \${length}` in the parentheses.

To complete the task, follow these steps:

ses.

Use the "console.log()" command, and place `Area: \${area}` in the parenthe-

- After rupping the

Width: 16

Run your code.

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

Expected Outcome

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

[Running] node "c:\Users\Darl Jed\Documents\JS_Homework\area_rectangle.js"

Length: 20
Area: 320

[Done] exited with code=0 in 0.17 seconds

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