Home Assignment. Point-of-Sale System: String Methods

Mentor-review Level: Easy JavaScript

Estimated time of completion: 1 hour

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 will continue developing the point-of-sale system you started in the previous assignment. This time, you will create a script that generates a report summary of the store inventory and identify products that are low in stock.

Task 1: Open the JavaScript File

Instructions

To complete the task, follow these steps:

- Open the file we used in the previous assignment: "point_of_sale_system.js."
- Comment all the "console.log()" that you currently have in your script. Keep the rest of the script uncommented.

Task 2: Generate a Report Summary

duct item's name.

to lowercase.

Instructions

To complete the task, follow these steps:

it "items_obj."

Define a function, and name it "productSummary." Add a parameter, and name

Inside the "productSummary" function's code block, create a constant named

Set the value of "item_id." It must be the first three letters of the product item's

- "item_id."
- name, which is "items_obj.item." All letters should be in lowercase.

Hint: Use the "slice" method to capture the first three characters in the pro-

Hint: Use the "toLowerCase" method to convert the extracted letters

Task 3: Create Message Remarks

Inside the "productSummary" function's code block, create a variable named

Instructions

2 Create a condition: if the "items_obj.quantity" is less than 10, the "remarks"

value for the return directive.

"remarks." Then set the value as "good."

To complete the task, follow these steps:

variable's value will be set to "item stock is low."

\${item_id} | \${items_obj.item} | stocks left: \${items_obj.quantity} | Remarks:"

Create a new variable, and name it "message." Set its value as: "itemID:

- Use the "concat" method to join "message" and "remarks" and set it as the
- Task 4: Hold the Summary Report

Instructions

Create a constant named "report_summary."

Run your code.

PROBLEMS

for Each Item

Use the "map" method to set the value of "report_summary" as an array. Pass the "productSummary" function as its argument.

To complete the task, follow these steps:

- Print the content of "report_summary" using the "console.log()" command.

DEBUG CONSOLE

Expected Outcome

OUTPUT

and upload the file here.

After completing the assignment, you should see the following output:

TERMINAL

[Running] node "c:\Users\Darl Jed\Documents\JS Homework\point of sale system.js"

JUPYTER

Code

```
'itemID:sha | Shampoo | stocks left: 6 | Remarks: item stock is low',
'itemID:soa | Soap | stocks left: 10 | Remarks: good',
'itemID:too | Toothpaste | stocks left: 12 | Remarks: good'
]
[Done] exited with code=0 in 0.492 seconds
```

How to upload completed tasks