Debugging Exercise Report

Bug: “TypeError: can't multiply sequence by non-int of type 'float'”

Cause: on line 17, {"name": "Tablet", "price": "500", "discount\_rate": 0.2}, the string “500” is used as the price, instead of a number.

How the issue was identified: on PyCharm’s debug mode, price was set equal to {str} ‘500’ instead of an int or float.

Changes made: although there was an easy fix, which would be to just delete the quotation marks from the str 500, I created an if statement that would check if any of the prices are a string, and if so, it was converted to a float (price = float(price)). Also, if any future products are added to the function but the price is not a number, it will send an error message.

How I tested the solution: I added a product with a non-numeric price and ran the debugger again.

A screenshot of a computer program

AI-generated content may be incorrect.

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