# Debugging Exercise Report

File Being Debugged: ChauncyKent\_Debugging\_Exercise.py

Debugging Tools Used: Visual Studio Code

Initial Bugs: Attempted to run code “as-is” and got the following error:

A screenshot of a computer program

AI-generated content may be incorrect.

Debugging Approach: Read through the code and correct errors that stand out.

Bug 1: The price for the Tablet should be an integer rather than a string.

A screen shot of text

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Solution: Converting the price of the Tablet from a string to a float corrected the issue causing the error and allowed the program to execute as intended:

A black rectangle with white text

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Improve Error Handling: Updated both functions with improved error handling. Added type casting in both functions to convert the arguments to floats. This should correct for numbers being entered as strings and still allow for prices with partial dollar amounts.

Additionally, added try/except blocks to both functions for cases where the type casting is unable to silently handle input errors. Should an error occur, the except clause raises a TypeError that lets the user know in which function the error occurred and what the issue was.

A screen shot of a computer program

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