Presented in the screenshot below is the error raised in the code. On line 4, in the ‘calculate\_discount()’ function, the program attempts to multiply the ‘price’ and ‘discount\_rate’ variables but instead returns a TypeError. This error message suggests that one or both variables are non-integers and cannot be multiplied.

A screenshot of a computer program

Description automatically generated

After looking at the code, I noticed that the ‘price’ value of the third entry in the products table was a string value instead of an integer value. To address this problem I manually converted the string to an integer value in the code.

However, to prevent TypeErrors from breaking the program in the future, implemented a try-catch statement in the ‘main()’ function. In ‘try’ block, I attempt to convert both the ‘price’ and ‘discount\_rate’ variables into float values. If the conversion is successful, then the rest of the code will continue as normal. However, if there is a TypeError then the program will simply print and error to the console and skip that entry.

I tested the solution by inputting non-integer values into the ‘price’ and ‘discount\_rate’ variables and encountered no issues.