**Debugging Process Report**

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**Screenshot of Error Message in Console:**

**A screenshot of a computer

AI-generated content may be incorrect.**

**Screenshot of Bug in Debugging Process:**

A screenshot of a computer

AI-generated content may be incorrect.

**Identify Bugs**

* The first thing I did was try to run the program regularly. The console provided some information about an error, seen in screenshot above.
* Once I knew there was a bug in the code, I ran the program through Pycharm’s debugger. The debugger provided a different perspective of the issue, helping me have a better understanding of what the bug was.

**My Changes**

* The console told me there was a Type Error, and the debugging process shows that one of the variables in the expression was a string instead of a float. There’s one variable in the list that is supposed to be an integer but is a string, so I will change its type to be an integer by removing the quotation marks around it. This way, the calculation for the product in question should be made smoothly.

**Test Changes**

* To test if my change fixed the bug, I will run the program again – through the debugger to be safe. This way, if my changes caused any other issues, the debugger could provide more information about the variables and what was happening. In this case my single change fixed the problem, and no other problems arose. To double check, I ran the program normally, without the debugger, and everything worked as it was supposed to.

**Screenshot of Corrected Output:**

A screenshot of a computer

AI-generated content may be incorrect.

**Link to Repository:** <https://github.com/VBelous1/COP2373/blob/master/Week%203/Debugging_Exercise.py>