

Customers Who've Underpaid

Email

To: jrdev48@ubermelon.co <Junior Developer #48>
From: mmelitopolski@ubermelon.co <Mel Melitopolski>
Subject: *URGENT* Help with Invoices!

Here's a program someone wrote to figure out if any of our customers underpaid. In the past, our office admin Mark would literally open the log file and scan for any new customers. If he found any, he would proceed to change the code so that there would be another "If statement" for that new customer.

There are two things to mention at this point...

1. Mark just got poached by Squysh! Which means, now we need you to be responsible for manually scanning the log file for customers, and then seeing if any have underpaid for their delicious melons.
2. GREAT NEWS!!! Our twitter marketing campaign was a huge success and [Melon Soldier\(tm\)](#) has gotten us a massive amount of sign ups. So instead of just three customers, by the end of today it looks like the log file will have THOUSANDS!

Oh so, unfortunately... yeah... we're going to need you to stay here all weekend, to update the code so that it checks all of our customers to make sure none have underpaid or overpaid. I think it would be easier, for our future record keeping, if you built a function that would handle the repetition in the file instead of trying to copy this code for thousands of new customers, so that would be a great place to start. We here at Ubermelon are all about scalability!!!!

Thanks for your help!!!
Mel
Team Lead

To Do

- Read through ***accounting.py*** and understand what it's doing.
- Create a function that takes in a text file of customer orders and parses it to produce similar output.
- Add comments explaining what your code is doing.
- Read over the solution and see how it compares to your answer.

Solution

[Click here](#) to view the solution.

Further Study (optional)

Check out the GitHub glossary and familiarize yourself with the vocabulary:

<https://help.github.com/articles/github-glossary/>

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