Melon Delivery Report

Email¶

You just received this email from your team lead:

To: jrdev48@ubermelon.co <Junior Developer #48>
From: mmelitopolski@ubermelon.co <Mel Melitopolski>
Subject: *URGENT* Report needed for CEO!

Hey there,

We've been trying to send the melon delivery report to the CEO, but
something is broken with the script. The guy who started it has now
left to start his own startup, Squysh ("Lyft for Winter Squash") and
you're the only developer left on the team that knows Python.

We log this delivery information in a text file that has the following
format:

  Melon Name | Count Sold | Total Amount Sold in $

But it *actually* looks like this:

  Delivered Scaly Bark Watermelon Scaly Bark Watermelons for total of $Scaly
  Bark Watermelon

The script is printing the name of the melon where the count and
totals should be. I'm hoping you can help! We need to deliver this
report ASAP!

The code we have so far is in the file ***produce_summary.py***. You will also
want to take a look at the delivery logs for the last three days.

One more thing --- I think the code is a little hard to read because
there's so much going on. I would appreciate it if you could do
your best to clean up the code and remove any repetition by
defining some function calls. That should make it easier to read
and run in the future.

Thanks,
Mel
Team Lead

To Do

- Right now, *produce_summary.py* outputs text like this:

```
Delivered Scaly Bark Watermelon Scaly Bark Watermelons for total of $Scaly
Bark Watermelon
```

  Edit *produce_summary.py* so the output looks like this:

```
Delivered 18 Scaly Bark Watermelons for total of $72.00
```

- Refactor the code to make it more readable and less repetitive.

- Walk through the code and add comments explaining each line of code as well as you can.

Hint: You will need to create a function to complete this exercise.

Remember to run the code from your Hackbright development environment.

Solution

Click here to view the solution.

Further Study

Read this article on good debugging strategy