

## Improving the Melon Details Report

### Email

Email  
To Do  
Solution  
Further Study (optional)

**To:** jrdev48@ubermelon.co <Junior Developer #48>  
**From:** mmelitopolski@ubermelon.co <Mel Melitopolski>  
**Date:** Fri June 6, 2014 5:02:39 PM PDT  
**Subject:** *SUPER URGENT* Can you make this script better?

Hey,

We've been really impressed how you cleaned up some of our old scripts. I found the attached *melon\_info.py* script, and I was hoping you could help.

Right now, it only tracks a melon's name, if it has seeds, and its price. Can you help us add the ability to keep track of the flesh color, rind color and average weight in *melons.py*, and then be able to print those attributes in our *melon\_info.py* report? It's ok if you set those additional attributes to some kind of unknown or default value if you don't find the data on it in *melons.py*.

Also, I've heard our sales team talking about a new "Define Local" initiative that will involve needing to track where each type of melon is grown. I don't know when this will happen... they love adding additional things to track at the last minute. But, with these files in their current state, I'm afraid it's going to be really hard to manage adding more melon characteristics to track and print. Can you think of a way to organize the files so that it's easier to add additional information for each melon as we need to?

There are two files: *melon\_info.py* is the main script and *melons.py* contains the melon data.

Thanks,  
Mel  
Team Lead

## To Do

- Edit both files to track flesh color, rind color, and average weight of melons. Output should look something like:

```
CASABA
seedless: False
price: 2.5
flesh_color: None
weight: None
rind_color: None
```

- Refactor ***melons.py*** and ***melon\_info.py*** to make it easier to add more things to track in the future.

### Hint 1

▼ Click to hide

You can change the format of the ***melons.py*** file.

### Hint 2

▼ Click to hide

Try combining data into one big dictionary.

### Hint 3

▼ Click to hide

The dictionary should have melon names as keys. The value for each key will be a dictionary of traits and attributes for that particular melon.

## Solution

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

## Further Study (optional)

For those who want to do more, read through PEP 8 here: <https://www.python.org/dev/peps/pep-0008/>