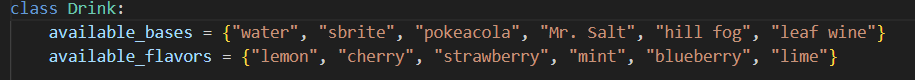
Assignment Specifications:

You've been hired by Cinos, a drive-up fast-beverage joint known for ziplineing cold refreshing drinks directly to your vehicle. They want you to write a new API backend for their drink ordering software.

As they already have a front-end for their POS and online ordering system, you'll just need to expose methods that accomplish their requested tasks.

My solutions:

I began by initializing the Drink class with the available\_bases and available\_flavors sets with all the bases and flavors given in the assignment description:



I then created tests that would ensure the methods in this class were working properly:

A screen shot of a computer program

AI-generated content may be incorrect.

After adding the tests, I created the methods in the Drink class so they would work with these tests:

A screen shot of a computer program

AI-generated content may be incorrect.

After finishing up with the Drink class, I created the tests to ensure that an Order class would work as expected:

A screen shot of a computer

AI-generated content may be incorrect.

I then added the Order class and methods to go along with it to make it work properly:

A screen shot of a computer program

AI-generated content may be incorrect.

\*\*A little sidenote on the get\_flavors method in the Drink class, I had trouble getting it to consistently show the flavors in the same method, and I eventually figured out it was because I was using a set instead of a list, so they were basically randomized and unordered. Once I switched it over to a list, it worked just fine!\*\*

Resources:

<https://wsutech.instructure.com/courses/3142/assignments/228179?module_item_id=1006601>

<https://github.com/amDoth/Python-TDD/tree/main/Cinos%20Drink%20API%20Testing%20Assignment>

<https://python.plainenglish.io/test-driven-development-in-python-49fa22cb95d4>

<https://www.w3schools.com/python/ref_list_copy.asp>

<https://stackoverflow.com/questions/57501122/using-join-function-on-a-set-incorrectly-reorders-it>

<https://www.geeksforgeeks.org/list-methods-python/>

<https://docs.pytest.org/en/stable/>