

Practice Python Exam : Banking System

This assignment is entirely optional and designed to give you practice writing code and applying lessons and topics for the Python exam

This practice exam deals with the following topics:

- dictionaries
- file I/O
- unit testing

The Assignment

This Python exam will involve implementing a bank program that manages bank accounts and allows for deposits, withdrawals, purchases, sorting bank accounts based on different criteria, and exporting bank statements.

The program will initially load a list of accounts from a .txt file, and deposits and withdrawals from additional .csv files. Then it will parse and combine all of the data and store it in a dictionary.

Steps

1. Complete the required functions
 - a. Implement all of the functions defined in ***AccountCreator.py*** and ***AccountManager.py***
 - i. Docstrings have already been provided
 - ii. You can create any number of helper functions (with docstrings)
 - iii. The *main* function has already been implemented for you
 - iv. Add brief comments to all non-trivial lines of code
 - b. Pass all of the provided tests in ***bank_accounts_tests_full.py***
2. Make sure your program and the testing file run without errors!

Unit Testing

To test your code, we have provided you with ALL of the unit tests for this assignment in ***bank_accounts_tests_full.py***.