Project Pseudocode

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Create FinanceTracker class

- Initialize class instance variables; income, expenses, saving goal

- Run program intro function

Define intro function

- Display greeting and prompts initial instructions of data inputs

- Prompt user to input data for income, expenses, and saving goal

- When new expense is added, display adjusted Budget (subtract expenses from total income)

- Allow user to add multiple incomes and expenses, let user exit by typing done

Define function to add income

- Function is used if user wants to add income after initial setup has been conducted

- Selected though menu

Define function to add expenses

- Function is used if user wants to add expenses after initial setup has been conducted

- Selected though menu

Define function to adjust savings goal

- Function is used if user wants to change the amount they want to save after initial setup had been conducted

- Selected though menu

Define function to display financial summary

- Function is used if user wished to view financial summary

- Data display includes: Total Income, Total Expenses, Savings Goal, and Remaining Budget

Define Function to calculate remaining budget

- Function is used to calculate remaining budget

- Called into different other methods to save time from recalculating

Define function to save relevant data to text file

- Function writes all data into a txt file

- Writes in a detailed list of all individual incomes, all individual expenses, savings goal, and remaining budget

Define function for user interface to select options (menu)

- Provides a list that user can choose from (consisting of methods above)

- When user chooses to quit, the program runs function to save data before ending program.

Run Program

- Initialize class instance

- Initializing the class will prompt the intro

- Run tracker.main_menu() to bring program to menu loop