Project title: Fitness tracker

Purpose:

To track calories and exercises in an easy and effective manner while displaying relevant information.

Features:

* Allows user to input food and nutritional information for a specified time of day
* Information will be aggregated and displays total nutritional information for the day

Desired future features:

Phase 1: Initial Command line Product

MVP:

* Food object that has fields for calories, protein, carbs and fats
* Day object that has fields for created date, a dynamic array for food objects for breakfast, lunch, dinner and a snack, function that adds an object to a selected list, function that adds the nutritional data to a total for that day
* Stores data in csv

Phase 2: Upgraded Command line with additional functionality and database integration

Phase 3: Upgraded to GUI program with data visualization tools

Phase 4: Integrated API for retrieving food data from online databases

Phase 5: Server integration for potential cross platform usage

Phase 6: Final product with application

Program Flow:

Program starts

User is asked to input data

* Ask for food eaten
* Ask for food nutrition data
* Ask for amount eaten
  + Store the food data in an object this will allow reusability
    - Store data in a csv
* If the food already exists only ask for amount eaten

Use the days date to create an object that stores the food input

Store the objects in a list

Summarize user data and display

Re-enter loop