Homework 2

Python Data Structures

Grading: 100 points

Description: In this lab you will get practice with Python sets, dictionaries, and comprehensions.

1. You have been given one Python file called hw2.py, which you will complete and submit.

2. hw2.py has 6 functions that must be implemented by you. A description of what the function should do is written in the comments within each function. Make sure to read the comments carefully.

3. Implement each function and run the program. Calls to each function with test data is included at the bottom of the file to test your work.

4. Submit hw2.py to Blackboard.

Grading

90 points

Each function in hw2.py is worth 15 points each.

10 points

Your name: Add your name to the top of each file.

Readability: Make sure your code is indented and neatly commented. Do not leave old commented out code in your submission.

Compilation: If your code does not compile, you will receive a 0 on the lab. Once notified, you will have 3 days to fix the lab to receive partial credit, up to 75%.

Late Policy

3 points are deducted for each business day the homework is late. You do not need to ask for an extension, you can always submit late with the 3 point per day penalty.