1. Re-read Quiz #9 from Lecture on Monday, 11/19!!! The points you earn in this extra credit assignment will be added to your final assignment total, which allows for an assignment total of 850 out of 800.

2. (10 pts) Design what the 2-D array/spreadsheet for this problem should look like. If you are having trouble with this picture, then do the design using Excel to visualize what data you should be collecting.

3. (10 pts) Write the pseudocode/flowcharts YOU need to accomplish YOUR design!!!
   - You need to make decisions on how you'll get the data from the user, i.e. file, manager input, or fill within your program. ***NOTE: There is no right or wrong to this question...
   - Discuss the prompt you'll use to read the data, i.e. make sure your user is VERY clear on what to input!!!

4. (30 pts) Now, look at my solution to the problem, which does not have any error checking, with only 3 salespeople and ugly output.
   - Change the code so that it works for the 7 sales people and has pretty/understandable output for the user.
   - Explain my design/program in your own words, as a header at the beginning of the program. For example, add your name, date modified, description, and inputs/outputs of the program to this header below:

```
# Author: Jennifer Parham-Mocello
# Created: 11/22/2012
# Modified by:
# Last Modified:
# Program Description:
# Input:
# Output:

```

   - Write a comment above EVERY single line in the Python3 code below explaining what each line does, again in your own words!!!
num_sales_people = 3
total_days = 7
worked_days = 5
employees = []
for i in range(num_sales_people):
    employees.append([])
employees.append([])
days = ["Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday"]
for x in range(num_sales_people):
    print("Salesperson #" + str(x+1))
    for i in range(total_days):
        employees[x].append(float(input("How much did you earn on " + days[i] + "? ")))
    avg = 0.0
    for i in range(total_days):
        avg += employees[x][i]
    employees[x].append(avg / worked_days)
    avg = 0.0

total = 0.0
grand_total = 0.0
for i in range(total_days):
    for x in range(num_sales_people):
        total += employees[x][i]
    employees[x+1].append(total)
    grand_total += total
    total = 0.0
employees[x+1].append(grand_total)
print(employees)

Electronically submit your 2-D array design, your program design with a flowchart and/or pseudocode, and additions to the Python 3 code above by the extra credit due date, using TEACH:
https://secure.engr.oregonstate.edu:8000/teach.php?type=want_auth