CISP 300   Week 2 Assignment 2

Per the **Arc su20 Assignment Requirements** file in the **Class Files** Module in Canvas, you will upload 4 documents to Canvas:

1. A2 *Firstname Lastname* FLOWCHART 98#4.jpg Flowchart EXPORTED from **www.draw.io**
2. A2 *Firstname Lastname* PYTHON 98#4.py   Python program
3. A2 *Firstname Lastname* FLOWCHART 328#7.jpg Flowchart EXPORTED from **www.draw.io**
4. A2 *Firstname Lastname* PYTHON 328#7.py   Python program

Submit the files (using correct filenames) to Canvas for Assignment 2.
You must use the file naming convention, or your assignment may be rejected.

pg 98#8 Tip, Tax, and Total

Design and code a program that calculates the total amount of a meal purchased at a restaurant. The program should ask the user to enter the charge for the food, and then calculate the amount of a 15 percent tip and 7 percent sales tax. Display each of these amounts and the total.

pg 328#7 Test Average and Grade

Design and code a program that asks the user to enter five test scores. The program should display a letter grade for each score and the average test score. Design the following functions in the program:

- `calcAverage`—This function should accept five test scores as arguments and return the average of the scores.
- `determineGrade`—This function should accept a test score as an argument and return a letter grade for the score (as a `String`), based on the following grading scale:

Score	Letter Grade
90–100	A
80–89	B
70–79	C
60–69	D
Below 60	F

Assignment Graded: _____

Flowcharts are mandatory. If you do not complete the flowchart, you will get 0 points for the assignment.

Rubric:

Flowchart---------------------------------------	8
Program follows flowchart-------------------	6
Header comments----------------------------	2
Internal comments----------------------------	2
Meaningful variable names------------------	2
Correct output----------------------------------	7
Labels with output----------------------------	3
TOTAL---	30