

Programming Activity

Write a program that asks the user to enter a certain number of test scores. The program should then display the corresponding letter grades and calculate the average test score.

Write a function **convertToLetter** that takes a list of *numeric scores* as the parameter, the function returns a list of *letter grades*.

Write another function **calcAvg** that takes a list of *numeric scores* as the parameter, the function calculates and returns the *average test score*.

Also write how these two functions would be called in your main function.

You can name your program averageYourLastName.py

```
# In the main function, prompt for number of scores and the actual scores,
# call convertToLetter function below to get the letter grades and call the
# calcAvg function below to get the average score, print out the results

# convertToLetter function

# calcAvg function
```

Sample Output

```
How many scores do you want to enter? 5
Enter a score: 66
Enter a score: 77
Enter a score: 88
Enter a score: 99
Enter a score: 54

Here are the letter grades: ['D', 'C', 'B', 'A', 'F']
The average is: 76.80
```

Include header comments (i.e., **at the beginning of your file**) formatted as shown below. Your electronic submission of the program file will represent your endorsement of the Honor Code Statement.

```
# Course: CSCI 256, Section 1
# Student Name: Jane Doe
# Student ID: 12345678
# Program 10
# Due Date:

# In keeping with the Honor Code of UM, I have neither given nor
# received assistance from anyone other than the TA or the instructor.

# Program Description:
```

Notice: You need to **submit your program** in Blackboard. Click on **Program 10** link in Bb, click **Browse My Computer**, attach the program, and click **Submit**.