# **CTI 110**

# **M6HW1: Test Average and Grades**

This assignment is complex and you should read these instructions carefully.

**In order to receive full credit, you must write the program using the functions as described -- not only the function names, but their arguments and return values as well.**

# **Assignment**

Write a program that asks the user to enter five test grades. The program should then display a letter grade for each score, and finally the average test score.

Write the following functions for the program:

main() – this function will control the main flow of the program. It will call the next two functions to do most of the work. It should also hold the input() commands to allow the user to type in grades.

calc\_average() – this function should accept five test scores (int or float) as arguments, and return the average of the scores.

(In order to calculate an average, you should take the total of all grades, and then divide it by the number of grades.)

determine\_grade() – This function should accept a test score (int or float) as an argument and return a letter grade for the score. Use the ten-point grading scale you used in a previous assignment (90-100 for A, 80-89 for B, and so on). The letter grade, a string, should be A, B, C, D, or F.

# **Submitting M6HW1**

Submit your Python source file **M6HW1\_Lastname.py**through Blackboard, and upload your source to your GitHub repository.﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿