

COSC 1336 – Programming Fundamentals I

Program 9 – Functions, Lists, and Strings

Write a program that read the total rainfall for each of the 12 months into a list. The program should calculate and display the total rainfall for the year, the average monthly rainfall, and the months with the highest and lowest amounts. The input data is available in ***Program9.txt*** on Blackboard and the I: drive.

No input, processing, or output should happen in the main function. All work should be delegated to other functions. The program should have at least **five functions** (main and developerInfo included). Include the recommended minimum documentation for each function. See the program one template for more details.

Do not use any global variables. You will not get credit for the program if you do.

Run your program with the input file, Program9.txt, attached. Save the output as **Program9-output.py** (Do a "Save As" in the Python Shell Window and it will save as a ".py" file. See Appendix B of your Textbook for more details). Create a folder named, **Fullname_Program9**. Copy your source code and the output file to the folder. Zip the folder, as a **“.zip”** file, and upload it to Blackboard.