

COSC 1336 – Programming Fundamentals I

Program 7 – Repetition Structures and Files

The trustees of a small college are considering voting a pay raise for their faculty members. They want to grant a 7 percent raise for those earning more than \$50,000.00, a 4 percent raise for those earning more than \$60,000.00 and 5.5 percent raise for all others. However before doing so, they want to know how much this will cost. Write a program that will print the pay raise for each faculty member, the total amount of the raises, and the average of the raises. Also, print the total faculty payroll before and after the raise. Use the end of file as a sentinel value. The input data is available in **Program7.txt** on Blackboard and the I: drive.

Do NOT use any logical operator in the program. You will not receive credit for the program if you do.

Run your program with the input file, Program7.txt, attached. Save the output as **Program7-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_Program7**. Copy your source code and the output file to the folder. Zip the folder, as a **“.zip”** file, and upload it to Blackboard.