CSC105 – Programming Logic

**Timecard File:**

Please design a Python program called TimecardFile.py that processes timecard data from an input file. Your program will read each record in the input file and add the hours worked for each day of the week and multiply the total hours by the hourly pay rate to get the gross pay amount, and put the results to an output file. If a timecard record contains more than 40 hours in the week, the hours above 40 are paid at a rate that is 1.5 times the pay rate. Your program will also accumulate the total of all the gross pay amounts and print that amount, formatted for currency, to the console.

Once the output file has been closed, print a confirmation message to the console (see example below). The input file should be named “TimecardFileIP.txt” and output file should be named “TimecardFileOP.txt. The file locations are to be in the same folder as the source code file. The input file and output file have all fields and header labels separated by using numerous “\t” escape sequences so that they are formatted exactly as the samples below.

**IP file format:** empNo payRate hrsSat hrsSun hrsMon hrsTue hrsWed hrsThu hrsFri

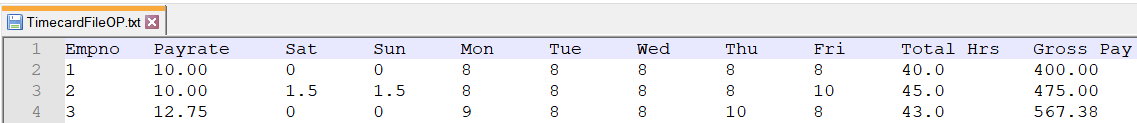
**Sample input file:**

Graphical user interface, text, application

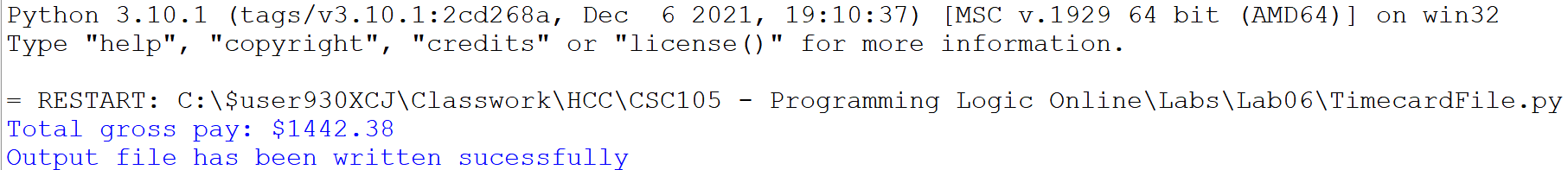
Description automatically generated

**OP file format:** empNo payRate hrsSat hrsSun hrsMon hrsTue hrsWed hrsThu hrsFri totalhrs grossPay

**Sample output file from the above input file:**



**Sample console output from the above run:**



Please rename your source code file to “Your Name Lab06.py”. Then, send this file as an attachment in a Blackboard message to me.