**Lab 3**

**Problem 1.**

Three employees in a company are up for a special pay increase. You are given a file, say Ch3\_Ex8Data.txt, with the following data:

Text

Description automatically generated

Each input line consists of an employee’s last name, first name, current salary, and percent pay increase. For example, in the first input line, the last name of the employee is Miller, the first name is Andrew, the current salary is 65789.87, and pay increase is 5%. Write a program that reads data from the specified file and stores the output in the file *emp\_output.txt*. For each employee, the data must be output in the following form: firstName lastName updatedSalary. Format the output of decimal numbers to two decimal places.

**Note:** You can first take the above input in the interactive mode for testing your program. Once it runs successfully, then run it in the batch mode (input/output with files).

**Interactive mode sample program output**

Text

Description automatically generated

**Write a C++ program that prompts the user to input the elapsed time for an event in seconds. The program then outputs the elapsed time in hours, minutes, and seconds. (For example, if the elapsed time is 9630 seconds, then the output is 2:40:30.)**

**Hint: In this program, you should use arithmetic operators (specifically /, %, -) to determine the hours, minutes and seconds.**