IT Workshop -II (CS251)
Lab Assignment : 6

Note: import java.io.*; in both the questions.

Q-1)   You have a text file named "input1.txt". The columns in this text file represent fields: name, id and salary. Do the following sequence of steps:

I. Create an array of objects of class Person (which has members name, id and salary), by reading all the entries from the text file.

II. Write the name and salary of persons in "output1.txt" sorted based on salary of the persons in ascending order.

For example:

Input:
Ram 17 10000
Rohan 11 5000
Viplab 20 20000
Shyam 31 4000
Vicky 51 40000
Aman 62 2000

Output:
Aman 62 2000
Shyam 31 4000
Rohan 11 5000
Ram 17 10000
Viplab 20 20000
Vicky 51 40000

Q-2)   You have a text file named "input2.txt". The columns in this text file represent fields: name, id and salary. Write the name and it's corresponding total salary, which is present in the file most number of times and least number of times. i.e You should do summation of total salaries for the name which is present in the file most number of times and least number of times, and then write that name (only once) with their total salary in the output text file. For example:

Input:
Ram 17 10000
Vicky 11 5000
Ram 20 20000
Shyam 31 4000
Vicky 51 40000
Ram 62 2000

Output:
Ram 32000
Shyam 4000