IT Workshop -II (CS251)

Lab Assignment : 8

Q-1) You have a text file named "test.txt". The columns in this text file represent fields: name, id and salary. Find out the names which are present multiple times in the given file and then write these names in another file. *Note:* Only write each name once.

The output based on the given file should be:

Ram
Amit
Ankur
Aman

Q-2)Write a Java program which accepts a single string as command line argument, containing a mathematical expression having numbers, addition symbol(+) and subtraction symbol(-). Do the following operations:

   I. Evaluate the expression using String parsing methods and show the result.
   II. If any other character is present in the given string and throw a User Defined Exception named *IllegalCharacterException* and stop the program.

   Note: There will be no white spaces within the given expression.

   Example:
   Input1: 2+3-5+17-8+1
   Output1: 10

   Input2: 2+3-5 7-8+1
   Output2: *IllegalCharacterException*