**MAP TASKS**

Task 1: Create a telephone directory with <K,V> as name, details of person(name, phone, email). Then find out all the employee phone numbers whose name start with a sample string. Eg. Input is "ka", then output is: all the names that start with ka and their phone numbers printed in ascending order.

Task 2: Create a Map with K,V as Name of person, Set of hobbies. Given a input as hobby, list out the persons who are acquiring those hobbies.

Task 3: Create a Map with K,V as Student Branch, List of students( sid, name, agg, gender). Then find the following: a) Find out all the girl first toppers from each branch. b) Find out all the department wise top 2 students one from men and other from women. c) Find out the pass percentage of all branches.(>40% are failed).

Task 4: Create a Map with K,V as ShopId, Map<item,sales\_percentage>. List out the shops in ascending order of their sales percentage when a item is given as input.

Task 5: Create a Map with K,V as BankName, Map<AccNo, List of transactions>. Transactions are of positve and negative amounts +ves are amouny deposited and -ves are amount withdrawn. Find out the bank whose deposited amout is highest.

Task 6: Create a Map with K,V as StudentId, story paragraph. Find out the following: 1) Print studentId and their stories upto 75words. 2) Find out article counts of each student story paragraph. 3) Change the paragraph of each student with Capitalize the first letter when full stop appears and keep space after comma whenever comma appears.

Task 7: Create a Map with K,V as rankcharacter, string. Read a string and store into Map with key as most appeared character and value as rank of characters and print the map.

Task 8: Create a List of mails (emailId, message) in the mail inbox, Find out the emailId whose message contains more number of special symbols like(&,@,#,!,?,) etc.

Task 9: Create a Map with K,V as College, Map<StudentId, List of 3 section marks>. If cutoff marks of section-1,2,3 are 11,13,8. Then list out the students from different colleges who qualified for written test. Print the studentId, college name, List of marks.

Task 10: Create a List of sentences as List<String>, create a paragraph from above list by merging each object from the list. Conditions are when articles appears keep the fullstop before that article. Also change to new line when more than 15 words are formed.