Program-1

Person.java

PersonMap.java

I have created program using these guidelines:

1. Should be able to add the person details (Name, Age, Gender, contact, Address) to a list;

2. Retrieve the complete list data

3. Retrieve Data using Key value (Implement a Map/HashMap here).

Program-2

Employee.java

Address.java

EmployeeMap.java

1. Create an Object with a List of Objects in it (Ex: Name , Age, List<address>,gender)

2. Whenever we add the person details we have to be able to add the list of addresses as well

3. Retrieve the addresses of each person using a key value.

4. Retrieve the city's values using Set.

Program-3

Dictionary.java

Create a program on how the dictionary works.

1. Creating a list using different words starts with a similar letter.
2. Create a Map and add key as particular letters and List as values.
3. Retrieve the Data using Key as letter and values as List using map.

Program-4

HashMapExample.java

Create a program to count the total similar words of given String using Map.

1. Split the string by space-------(“ ”) and store words into String[].
2. Create a map and loop around the String[] words.
3. Retrieve the Data of map.

Program-5

HashtableExample.java

Difference between HashMap and Hashtable and How to Iterate in HashMap.

Program-6

Experimenting with ArrayList, Set

ListExample.java

TreeSetExample.java

ArrayListExample.java