**Assisted Practice Project - 5**

**Name-Kunal Chakraborty**

**package** demo;

**import** java.util.\*;

**public** **class** Collections {

**public** **static** **void** main(String[] args) {

//creating Arraylist

System.***out***.println("ArrayList");

ArrayList<String> city=**new** ArrayList<String>();

city.add("Gurgaon");//

city.add("Mumbai");

System.***out***.println(city);

//creating vector

System.***out***.println("\n");

System.***out***.println("Vector");

Vector<Integer> vec = **new** Vector();

vec.addElement(25);

vec.addElement(55);

System.***out***.println(vec);

//creating linkedlist

System.***out***.println("\n");

System.***out***.println("LinkedList");

LinkedList<String> names=**new** LinkedList<String>();

names.add("Kunal");

names.add("Ashish");

Iterator<String> itr=names.iterator();

**while**(itr.hasNext()){

System.***out***.println(itr.next());

//creating hashset

System.***out***.println("\n");

System.***out***.println("HashSet");

HashSet<Integer> set=**new** HashSet<Integer>();

set.add(100);

set.add(200);

set.add(300);

set.add(400);

System.***out***.println(set);

//creating linkedhashset

System.***out***.println("\n");

System.***out***.println("LinkedHashSet");

LinkedHashSet<Integer> set2=**new** LinkedHashSet<Integer>();

set2.add(150);

set2.add(180);

set2.add(200);

set2.add(240);

System.***out***.println(set2);

}

}

}

**Output :**

