

```
1 package Collections;
2
3 import java.util.*;
4
5 public class CollectionAssisted {
6
7     public static void main(String[] args) {
8
9         //creating arraylist
10        System.out.println("ArrayList");
11        ArrayList<String> city=new ArrayList<String>();
12        city.add("Bangalore");//
13        city.add("Delhi");
14        System.out.println(city);
15
16        //creating vector
17        System.out.println("\n");
18        System.out.println("Vector");
19        Vector<Integer> vec = new Vector();
20        vec.addElement(15);
21        vec.addElement(30);
22        System.out.println(vec);
23
24        //creating linkedlist
25        System.out.println("\n");
26        System.out.println("LinkedList");
27        LinkedList<String> names=new LinkedList<String>();
28        names.add("Alex");
29        names.add("John");
30        Iterator<String> itr=names.iterator();
31
32        while(itr.hasNext()){
33            System.out.println(itr.next());
34        }
35
36        //creating hashset
37        System.out.println("\n");
38        System.out.println("HashSet");
39        HashSet<Integer> set=new HashSet<Integer>();
40        set.add(101);
41        set.add(103);
42        set.add(102);
43        set.add(104);
44        System.out.println(set);
45    }
```



```
//creating vector
System.out.println("\n");
System.out.println("Vector");
Vector<Integer> vec = new Vector();
vec.addElement(15);
vec.addElement(30);
System.out.println(vec);

//creating linkedlist
System.out.println("\n");
System.out.println("LinkedList");
LinkedList<String> names=new LinkedList<String>();
names.add("Alex");
names.add("John");
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(101);
set.add(103);
set.add(102);
set.add(104);
System.out.println(set);

//creating linkedhashset
System.out.println("\n");
System.out.println("LinkedHashSet");
LinkedHashSet<Integer> set2=new LinkedHashSet<Integer>();
set2.add(11);
set2.add(13);
set2.add(12);
set2.add(14);
System.out.println(set2);
}
```



eclipse-workspace - JavaProgram7/src/Collections/CollectionAssisted.java - Eclipse IDE

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<terminated> CollectionAssisted [Java Application] C:\Users\Srinivas\p2\pool\plugins\org.eclipse.justj.openjdk

ArrayList
[Bangalore, Delhi]

Vector
[15, 30]

LinkedList
Alex

HashSet
[101, 102, 103, 104]

LinkedHashSet
[11, 13, 12, 14]
John

HashSet
[101, 102, 103, 104]

LinkedHashSet
[11, 13, 12, 14]