

```

import java.util.*;
public class collectionAssisted
{
    public static void main(String[] args) {
        //creating arraylist
        System.out.println("ArrayList");
        ArrayList<String> city=new ArrayList<String>();
        city.add("Bangalore");//
        city.add("Delhi");
        System.out.println(city);

        //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 - Assisted project/src/collectionAssisted.java - Eclipse IDE

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Project Explorer

Assisted project
JRE System Library [JavaSE-1.8]
src
 (default package)
 AccessModifier.java
 Accessspecifiers.java
 collectionAssisted.java
 constructorDemo.java
 EmpInfo.java
 methodExecution.java
 prject.java
 prject1.java
 typecasting.java
 collectionAssisted.java
 constructorDemo.java
 EmpInfo.java
 methodExecution.java
calci
calculator
firstprogram
hello world
linkedList

typ Console Coverage

```
21 <terminated> collectionAssisted [Java Application] C:\Program Files\Java\jdk-15.0.1\bin\javaw.exe (May 7, 2023, 1:21:56 PM - 1:21:56 PM)
22 ArrayList
23 [Bangalore, Delhi]
24
25
26 Vector
27 [15, 30]
28
29
30 LinkedList
31 Alex
32
33
34 HashSet
35 [101, 102, 103, 104]
36
37
38 LinkedHashSet
39 [11, 13, 12, 14]
40 John
41
42
43 HashSet
44 [101, 102, 103, 104]
45
46
47 LinkedHashSet
48 [11, 13, 12, 14]
49
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```