**package** collection;

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

**public** **class** Collection {

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

// create an ArrayList and add some elements

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

list.add("apple");

list.add("banana");

list.add("cherry");

System.***out***.println("ArrayList: " + list);

// create a LinkedList and add some elements

LinkedList<Integer> queue = **new** LinkedList<>();

queue.add(10);

queue.add(20);

queue.add(30);

System.***out***.println("LinkedList: " + queue);

// create a HashMap and add some key-value pairs

HashMap<String, Integer> map = **new** HashMap<>();

map.put("Alice", 25);

map.put("Bob", 30);

map.put("Charlie", 35);

System.***out***.println("HashMap: " + map);

// create a HashSet and add some elements

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

set.add("apple");

set.add("banana");

set.add("cherry");

System.***out***.println("HashSet: " + set);

//vector

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

vec.addElement(15);

vec.addElement(30);

System.***out***.println("vector: " +vec);

//Linkedhashset

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

set2.add(11);

set2.add(13);

set2.add(12);

set2.add(14);

System.***out***.println("LInkedhashset: " +set2);

}

}

