

```
import java.util.ArrayList;
import java.util.LinkedList;
import java.util.HashSet;
import java.util.HashMap;
import java.util.Iterator;
```

```
public class CollectionExample {
```

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

```
        ArrayList<String> arrayList = new ArrayList<>();
        arrayList.add("Apple");
        arrayList.add("Banana");
        arrayList.add("Orange");
```

```
        System.out.println("ArrayList elements:");
        for (String fruit : arrayList) {
            System.out.println(fruit);
        }
        System.out.println();
```

```
        LinkedList<Integer> linkedList = new LinkedList<>();
        linkedList.add(10);
        linkedList.add(20);
        linkedList.add(30);
```

```
        System.out.println("LinkedList elements:");
        Iterator<Integer> iterator = linkedList.iterator();
        while (iterator.hasNext()) {
            System.out.println(iterator.next());
        }
        System.out.println();
```

```
        HashSet<Double> hashSet = new HashSet<>();
        hashSet.add(3.14);
        hashSet.add(2.71);
        hashSet.add(1.618);
```

```
System.out.println("HashSet elements:");  
for (Double number : hashSet) {  
    System.out.println(number);  
}  
System.out.println();
```

```
HashMap<String, Integer> hashMap = new HashMap<>();  
hashMap.put("One", 1);  
hashMap.put("Two", 2);  
hashMap.put("Three", 3);
```

```
System.out.println("HashMap elements:");  
for (String key : hashMap.keySet()) {  
    System.out.println(key + ": " + hashMap.get(key));  
}  
}  
}
```