**import** java.util.ArrayList;

**public** **class** BQ2 {

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

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

arrayList.add("Apple");

arrayList.add("Banana");

arrayList.add("Orange");

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

arrayList.add(0, "Mango");

System.***out***.println("ArrayList after insertion: " + arrayList);

}

}

OUTPUT:

Original ArrayList: [Apple, Banana, Orange]

ArrayList after insertion: [Mango, Apple, Banana, Orange]

**import** java.util.ArrayList;

**import** java.util.Collections;

**public** **class** BQ4 {

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

ArrayList<Integer> numbers = **new** ArrayList<>();

numbers.add(5);

numbers.add(2);

numbers.add(8);

numbers.add(1);

numbers.add(9);

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

Collections.*sort*(numbers);

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

}

}

OUTPUT:

Original ArrayList: [5, 2, 8, 1, 9]

Sorted ArrayList: [1, 2, 5, 8, 9]

**import** java.util.ArrayList;

**import** java.util.Collections;

**public** **class** BQ5{

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

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

arrayList.add("Apple");

arrayList.add("Banana");

arrayList.add("Orange");

arrayList.add("Mango");

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

Collections.*reverse*(arrayList);

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

}

}

OUTPUT:

Original ArrayList: [Apple, Banana, Orange, Mango]

Reversed ArrayList: [Mango, Orange, Banana, Apple]