

```
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]

```