

OBJECT ORIENTED PROGRAMMING LAB**Experiment No : 26****Aim**

Maintain a list of Strings using ArrayList from collection framework, perform built-in operations.

Procedure

```
import java.util.*;

public class ques06 {

    public static void main(String[] args) {

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

        arrayList.add("Aamii");
        arrayList.add("Abyy");
        arrayList.add("Afuu");
        arrayList.add("shamjad");

        System.out.println("The elements of the arraylist is - "+arrayList);

        Collections.sort(arrayList);

        System.out.println("\nThe ArrayList Sort : "+arrayList); // ArrayList Sort

        Collections.addAll(arrayList,"ronu","silvu","rizwy","nehu","merlu");

        System.out.println("\nAdding new items in the arraylist is : "+arrayList); //

ArrayList AddAll

        Collections.sort(arrayList, Collections.reverseOrder()); //Arraylist in reverse order

        System.out.println("\nThe reverse order of the arraylist : "+arrayList);

        System.out.println("\nThe maximum element of the arraylist :

"+Collections.max(arrayList)); //Max elements in the arraylist

    }

}
```

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Output

```
D:\java>javac ques06.java

D:\java>java ques06
The elements of the arraylist is - [Aamii, Abyy, Afuu, shamjad]

The ArrayList Sort : [Aamii, Abyy, Afuu, shamjad]

Adding new items in the arraylist is : [Aamii, Abyy, Afuu, shamjad, ronu, silvu, rizwy, merlu, nehu]

The reverse order of the arraylist : [silvu, shamjad, ronu, rizwy, nehu, merlu, Afuu, Abyy, Aamii]

The maximum element of the arraylist : silvu

D:\java>
```