**How to sort ArrayList in Java**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

In this tutorial we have shared the examples of sorting an String [**ArrayList**](http://beginnersbook.com/2013/12/java-arraylist/)and Integer ArrayList.

**Also Read:**

1. [**Sort ArrayList in descending order**](http://beginnersbook.com/2013/12/sort-arraylist-in-descending-order-in-java/)
2. [**Sort ArrayList of Objects using Comparable and Comparator**](http://beginnersbook.com/2013/12/java-arraylist-of-object-sort-example-comparable-and-comparator/)

**Example 1: Sorting of ArrayList<String>**

Here we are sorting the ArrayList of String type. We are doing it by simply calling the Collections.sort(arraylist) method. The output List will be sorted **alphabetically**.

import java.util.\*;

public class Details {

public static void main(String args[]){

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

listofcountries.add("India");

listofcountries.add("US");

listofcountries.add("China");

listofcountries.add("Denmark");

/\*Unsorted List\*/

System.out.println("Before Sorting:");

for(String counter: listofcountries){

System.out.println(counter);

}

/\* Sort statement\*/

Collections.sort(listofcountries);

/\* Sorted List\*/

System.out.println("After Sorting:");

for(String counter: listofcountries){

System.out.println(counter);

}

}

}

Output:

Before Sorting:

India

US

China

Denmark

After Sorting:

China

Denmark

India

US

**Example 2: Sorting of ArrayList<Integer>**

The same [**Collections.sort()**](http://docs.oracle.com/javase/6/docs/api/java/util/Collections.html#sort(java.util.List)) method can be used for sorting the IntegerArrayList as well.

import java.util.\*;

public class ArrayListOfInteger {

public static void main(String args[]){

ArrayList<Integer> arraylist = new ArrayList<Integer>();

arraylist.add(11);

arraylist.add(2);

arraylist.add(7);

arraylist.add(3);

/\* ArrayList before the sorting\*/

System.out.println("Before Sorting:");

for(int counter: arraylist){

System.out.println(counter);

}

/\* Sorting of arraylist using Collections.sort\*/

Collections.sort(arraylist);

/\* ArrayList after sorting\*/

System.out.println("After Sorting:");

for(int counter: arraylist){

System.out.println(counter);

}

}

}

Output:

Before Sorting:

11

2

7

3

After Sorting:

2

3

7

11