How to sort ArrayList in descending order in Java

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Earlier we shared the examples of ArrayList sorting in ascending order. Here we will learn how to sort an ArrayList in **descending (or decreasing) order**.

Example: Sorting in Descending order

We are using `Collections.reverseOrder()` method along with `Collections.sort()` in order to sort the list in decreasing order. In the below example we have used the following statement for sorting in reverse order.
`Collections.sort(arraylist, Collections.reverseOrder());`

However the reverse order sorting can also be done as following – This way the list will be sorted in ascending order first and then it will be reversed.
`Collections.sort(list);`
`Collections.reverse(list);`

Complete example:

```java
import java.util.*;
public class Details  {

    public static void main(String args[]){
        ArrayList<String> arraylist = new ArrayList<String>();
        arraylist.add("AA");
        arraylist.add("ZZ");
        arraylist.add("CC");
        arraylist.add("FF");

        /*Unsorted List: ArrayList content before sorting*/
        System.out.println("Before Sorting:");
        for(String str: arraylist){
                System.out.println(str);
            }

        /* Sorting in decreasing order*/
        Collections.sort(arraylist, Collections.reverseOrder());

        /* Sorted List in reverse order*/
        System.out.println("ArrayList in descending order:");
        for(String str: arraylist){
                System.out.println(str);
            }
    }
}
```
Output:

```
Before Sorting:
AA
ZZ
CC
FF
ArrayList in descending order:
ZZ
FF
CC
AA
```

In the above example we have used the ArrayList of String type (ArrayList<String>) for sorting. The same sorting method can be used for the list of integers as well.