

JAVA EXAMPLES - COLLECTION COMPARISON

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Problem Description:

How to compare elements in a collection ?

Solution:

Following example compares the element of a collection by converting a string into a treeset using Collection.min and Collection.max methods of Collection class.

```
import java.util.Collections;
import java.util.Set;
import java.util.TreeSet;

class MainClass {
    public static void main(String[] args) {
        String[] coins = { "Penny", "nickel", "dime",
            "Quarter", "dollar" };
        Set set = new TreeSet();
        for (int i = 0; i < coins.length; i++)
            set.add(coins[i]);
        System.out.println(Collections.min(set));
        System.out.println(Collections.min(set,
            String.CASE_INSENSITIVE_ORDER));
        for(int i=0;i<=10;i++)
            System.out.print(-);
        System.out.println(Collections.max(set));
        System.out.println(Collections.max(set,
            String.CASE_INSENSITIVE_ORDER));
    }
}
```

Result:

The above code sample will produce the following result.

```
Penny
dime
-----
nickle
Quarter
```

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