

# JAVA - STRING COMPARETO() METHOD

[http://www.tutorialspoint.com/java/java\\_string\\_compareto.htm](http://www.tutorialspoint.com/java/java_string_compareto.htm)

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## Description:

There are two variants of this method. First method compares this String to another Object and second method compares two strings lexicographically.

## Syntax:

Here is the syntax of this method:

```
int compareTo(Object o)

or

int compareTo(String anotherString)
```

## Parameters:

Here is the detail of parameters:

- **o** -- the Object to be compared.
- **anotherString** -- the String to be compared.

## Return Value :

- The value 0 if the argument is a string lexicographically equal to this string; a value less than 0 if the argument is a string lexicographically greater than this string; and a value greater than 0 if the argument is a string lexicographically less than this string.

## Example:

```
public class Test {

    public static void main(String args[]) {
        String str1 = "Strings are immutable";
        String str2 = "Strings are immutable";
        String str3 = "Integers are not immutable";

        int result = str1.compareTo( str2 );
        System.out.println(result);

        result = str2.compareTo( str3 );
        System.out.println(result);

        result = str3.compareTo( str1 );
        System.out.println(result);
    }
}
```

This produces the following result:

```
0
10
-10
```