

JAVA.LANG.STRING.COMPARETOIGNORECASE METHOD

http://www.tutorialspoint.com/java/lang/string_comparetoignorecase.htm

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Description

The **java.lang.String.compareToIgnoreCase** method compares two strings lexicographically, ignoring case differences.

Declaration

Following is the declaration for **java.lang.String.compareToIgnoreCase** method

```
public int compareToIgnoreCase(String str)
```

Parameters

- **str** -- This is the String to be compared.

Return Value

This method returns a negative integer, zero, or a positive integer as the specified String is greater than, equal to, or less than this String, ignoring case considerations.

Exception

- **NA**

Example

The following example shows the usage of java.lang.String.compareToIgnoreCase method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "tutorials", str2 = "TUTORIALS";

        // comparing str1 and str2 with case ignored
        int retval = str1.compareToIgnoreCase(str2);

        // prints the return value of the comparison
        if (retval > 0) {
            System.out.println("str1 is greater than str2");
        }

        else if (retval == 0) {
            System.out.println("str1 is equal to str2");
        }

        else {
            System.out.println("str1 is less than str2");
        }
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
str1 is equal to str2
```

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