

JAVA.LANG.STRING.REGIONMATCHES METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.String.regionMatches** method tests if two string regions are equal. A substring of this String object is compared to a substring of the argument **other**.

The result is true if these substrings represent identical character sequences. The substring of this String object to be compared begins at index **toffset** and has length **len**. The substring of other to be compared begins at index **ooffset** and has length **len**.

Declaration

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

```
public boolean regionMatches(int toffset, String other, int ooffset, int len)
```

Parameters

- **toffset** -- the starting offset of the subregion in this string.
- **other** -- the string argument.
- **ooffset** -- the starting offset of the subregion in the string argument.
- **len** -- the number of characters to compare.

Return Value

This method returns true if the specified subregion of this string exactly matches the specified subregion of the string argument, else false.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "Collection of tutorials";
        String str2 = "Consists of different tutorials";

        /* matches characters from index 14 in str1 to characters from
        index 22 in str2 considering same case of the letters.*/
        boolean match1 = str1.regionMatches(14, str2, 22, 9);
        System.out.println("region matched = " + match1);

        // considering different case, will return false
        str2 = "Consists of different Tutorials";
        match1 = str1.regionMatches(14, str2, 22, 9);
        System.out.println("region matched = " + match1);
    }
}
```

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

```
region matched = true  
region matched = false
```

Loading [MathJax]/jax/output/HTML-CSS/jax.js