

# JAVA - STRING REGIONMATCHES() METHOD

## Description:

This method has two variants which can be used to test if two string regions are equal.

## Syntax:

Here is the syntax of this method:

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

or

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

## Parameters:

Here is the detail of 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.
- **ignoreCase** -- if true, ignore case when comparing characters.

## Return Value:

- It returns true if the specified subregion of this string matches the specified subregion of the string argument; false otherwise. Whether the matching is exact or case insensitive depends on the ignoreCase argument.

## Example:

```
import java.io.*;

public class Test{
    public static void main(String args[]){
        String Str1 = new String("Welcome to Tutorialspoint.com");
        String Str2 = new String("Tutorials");
        String Str3 = new String("TUTORIALS");

        System.out.print("Return Value :" );
        System.out.println(Str1.regionMatches(11, Str2, 0, 9));

        System.out.print("Return Value :" );
        System.out.println(Str1.regionMatches(11, Str3, 0, 9));

        System.out.print("Return Value :" );
        System.out.println(Str1.regionMatches(true, 11, Str3, 0, 9));
    }
}
```

This produces the following result:

```
Return Value :true  
Return Value :false  
Return Value :true
```