

JAVA.LANG.STRING.MATCHES METHOD

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

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Description

The **java.lang.String.matches** method tells whether or not this string matches the given regular expression.

Declaration

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

```
public boolean matches(String regex)
```

Parameters

- **regex** -- This is the regular expression to which this string is to be matched.

Return Value

This method returns true if, and only if, this string matches the given regular expression.

Exception

- **PatternSyntaxException** -- if the regular expression's syntax is invalid.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

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

        boolean retval = str1.matches(str2);
        // method gets different values therefore it returns false
        System.out.println("Value returned = " + retval);

        retval = str2.matches("learning");
        // method gets same values therefore it returns true
        System.out.println("Value returned = " + retval);

        retval = str1.matches("tuts");
        // method gets different values therefore it returns false
        System.out.println("Value returned = " + retval);
    }
}
```

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

```
Value returned = false
Value returned = true
Value returned = false
```

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