

JAVA.LANG.STRING.INDEXOF METHOD

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

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Description

The **java.lang.String.indexOf** method returns the index within this string of the first occurrence of the specified substring. The integer returned is the smallest value *k* such that: **this.startsWith***str*, *k* is true.

Declaration

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

```
public int indexOf(String str)
```

Parameters

- **str**-- This is value of a string.

Return Value

This method returns if the string argument occurs as a substring within this object, then the index of the first character of the first such substring is returned; if it does not occur as a substring, -1 is returned.

Exception

- **NA**

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "Collections of tutorials at tutorials point";

        // returns index of first character of the substring "tutorials"
        System.out.println("index = " + str1.indexOf("tutorials"));

        // returns -1 as substring "admin" is not located
        System.out.println("index = " + str1.indexOf("admin"));

    }

}
```

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

```
index = 15
index = -1
```

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