

JAVA.LANG.STRINGBUILDER.INDEXOF METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.StringBuilder.indexOf** method returns the index within this string of the first occurrence of the specified substring.

Declaration

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

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

Parameters

- **str** -- This is the substring value.

Return Value

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

Exception

- **NullPointerException** -- if str is null.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

    public static void main(String[] args) {

        StringBuilder str = new StringBuilder("programming language");
        System.out.println("string = " + str);

        // returns the index of the specified substring
        System.out.println("Index of substring = " + str.indexOf("age"));

        // returns -1 as substring is not found
        System.out.println("Index of substring = " + str.indexOf("k"));
    }
}
```

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

```
string = programming language
Index of substring = 17
Index of substring = -1
```

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