

# JAVA.LANG.STRINGBUILDER.INDEXOF METHOD

[http://www.tutorialspoint.com/java/lang/stringbuilder\\_indexof\\_str\\_index.htm](http://www.tutorialspoint.com/java/lang/stringbuilder_indexof_str_index.htm)

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## Description

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

## Declaration

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

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

## Parameters

- **str** -- This is the substring for which to search.
- **fromIndex** -- This is the index from which to start the search.

## Return Value

This method returns the index within this string of the first occurrence of the specified substring, starting at the specified index.

## 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 the index of the specified substring, starting at
        the specified index */
        System.out.println("Index of substring = " + str.indexOf("am",2));

        /* returns -1 as the substring is not found starting at the
        specified index */
        System.out.println("Index of substring = " + str.indexOf("am",10));
    }
}
```

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

```
string = programming language
Index of substring = 17
Index of substring = 5
Index of substring = -1
```

