

JAVA.LANG.STRINGBUFFER.INDEXOF METHOD

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

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Description

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

Declaration

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

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

Parameters

- **str** -- This is any string.

Return Value

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

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

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

    public static void main(String[] args) {

        StringBuffer buff = new StringBuffer("programming language");
        System.out.println("buffer = " + buff);

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

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

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

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

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