

JAVA.LANG.STRINGBUFFER.INDEXOF METHOD

http://www.tutorialspoint.com/java/lang/stringbuffer_indexof_str_index.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, starting at the specified index. The **fromIndex** argument is the index from which to start the search.

Declaration

Following is the declaration for **java.lang.StringBuffer.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.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 the index of the specified substring, starting at
        the specified index */
        System.out.println("Index of substring = " + buff.indexOf("am",2));

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

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

```
buffer = programming language
Index of substring = 17
Index of substring = 5
```

Index of substring = -1

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