

# JAVA.LANG.STRINGBUFFER.SUBSTRING METHOD

[http://www.tutorialspoint.com/java/lang/stringbuffer\\_substring\\_end.htm](http://www.tutorialspoint.com/java/lang/stringbuffer_substring_end.htm)

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## Description

The **java.lang.StringBuffer.substring***int start, int end* method returns a new String that contains a subsequence of characters currently contained in this sequence. The substring begins at the specified **start** and extends to the character at index **end - 1**.

## Declaration

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

```
public String substring(int start, int end)
```

## Parameters

- **start** -- This is the start index, inclusive.
- **end** -- This is the ending index, exclusive.

## Return Value

This method returns the new string.

## Exception

- **StringIndexOutOfBoundsException** -- if start or end are negative or greater than length, or start is greater than end.

## Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

    public static void main(String[] args) {

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

        // prints substring from index 3
        System.out.println("substring is = " + buff.substring(3));

        /* prints substring from index 1 to 4 excluding character
        at 4th index */
        System.out.println("substring is = " + buff.substring(1, 4));
    }
}
```

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

```
buffer = admin
substring is = in
substring is = dmi
```

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