

JAVA.LANG.STRINGBUILDER.APPEND METHOD

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

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Description

The **java.lang.StringBuilder.appendCharSequences, *int*start, *int*end** method appends a subsequence of the specified CharSequence to this sequence.

Characters of the argument **s**, starting at index **start**, are appended, in order, to the contents of this sequence up to the *exclusive* index **end**. The length of this sequence is increased by the value of **end - start**.

Declaration

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

```
public StringBuilder append(CharSequence s, int start, int end)
```

Parameters

- **s** -- This is the sequence to append.
- **start** -- This is the starting index of the subsequence to be appended.
- **end** -- This is the end index of the subsequence to be appended.

Return Value

This method returns a reference to this object.

Exception

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

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

    public static void main(String[] args) {

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

        CharSequence cSeq = "tutspoint";
        // appends the CharSequence with start index 4 and end index 9
        str.append(cSeq, 4, 9);

        // print the StringBuilder after appending
        System.out.println("After append = " + str);
    }
}
```

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

```
string = tutorials
After append = tutorials point
```

