

JAVA.LANG.STRINGBUILDER.APPEND METHOD

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

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Description

The **java.lang.StringBuilder.appendChar[]**(*str*, *int* offset, *int* len) method appends the string representation of a subarray of the char array argument to this sequence.

Characters of the char array **str**, starting at index **offset**, are appended, in order, to the contents of this sequence. The length of this sequence increases by the value of **len**.

Declaration

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

```
public StringBuilder append(char[] str, int offset, int len)
```

Parameters

- **str** -- This is the characters to be appended.
- **offset** -- This is the index of the first char to append.
- **len** -- This is the number of chars to append.

Return Value

This method returns a reference to this object.

Exception

- **NA**

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("amrood ");
        System.out.println("string = " + str);

        // char array
        char[] cArr = new char[]
        {'a','d','m','i','n','i','s','t','r','a','t','i','o','n'};

        /* appends the string representation of char array argument to
        this StringBuilder with offset at index 0 and length as 5 */
        str.append(cArr, 0, 5);

        // 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 = amrood
```

```
After append = amrood_admin
```

```
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```