

JAVA.LANG.STRINGBUFFER.INSERT METHOD

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

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Description

The **java.lang.StringBuffer.insertintooffset, char[]str** method inserts the string representation of the char array argument into this sequence.

The characters of the array argument are inserted into the contents of this sequence at the position indicated by **offset**. The length of this sequence increases by the length of the argument.

Declaration

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

```
public StringBuffer insert(int offset, char[] str)
```

Parameters

- **offset** -- This is the offset.
- **str** -- This is the character array.

Return Value

This method returns a reference to this object.

Exception

- **StringIndexOutOfBoundsException** -- if the offset is invalid.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

    public static void main(String[] args) {

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

        // character array to be inserted
        char cArr[] = { 'p', 'o', 'i', 'n', 't' };
        // insert character array at offset 9
        buff.insert(9, cArr);

        // prints stringbuffer after insertion
        System.out.print("After insertion = ");
        System.out.println(buff.toString());
    }
}
```

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

```
buffer = tutorials website
After insertion = tutorialspoint website
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```