

JAVA.LANG.STRINGBUILDER.INSERT METHOD

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

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Description

The **java.lang.StringBuilder.insert** method inserts the string representation of the **int** argument into this sequence.

The **offset** argument must be greater than or equal to 0, and less than or equal to the length of this sequence.

Declaration

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

```
public StringBuilder insert(int offset, int i)
```

Parameters

- **offset** -- This is the offset.
- **i** -- This is the value of an int.

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.StringBuilder.insert method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

    public static void main(String[] args) {

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

        // insert integer value at offset 2
        str.insert(2, 45);

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

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

```
string = zyxwvut
After insertion = zv45xwvut
```

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