

JAVA.LANG.STRINGBUFFER.SETLENGTH METHOD

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

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Description

The **java.lang.StringBuffer.setLength** method sets the length of the character sequence. The sequence is changed to a new character sequence whose length is specified by the argument.

If the **newLength** argument is greater than or equal to the current length, sufficient null characters `'\u0000'` are appended so that length becomes the **newLength** argument.

Declaration

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

```
public void setLength(int newLength)
```

Parameters

- **newLength** -- This is the new length.

Return Value

This method does not return any value.

Exception

- **IndexOutOfBoundsException** -- if the newLength argument is negative.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBufferDemo {

    public static void main(String[] args) {

        StringBuffer buff = new StringBuffer("tutorials");
        System.out.println("buffer1 = " + buff);
        // length of stringbuffer
        System.out.println("length = " + buff.length());

        // set the length of stringbuffer to 5
        buff.setLength(5);

        // print new stringbuffer value after changing length
        System.out.println("buffer2 = " + buff);
        // length of stringbuffer after changing length
        System.out.println("length = " + buff.length());
    }
}
```

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

```
buffer1 = tutorials
length = 9
buffer2 = tutor
length = 5
```

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