JAVA.LANG.STRINGBUILDER.CODEPOINTCOUNT METHOD

Description

The **java.lang.StringBuilder.codePointCount** method returns the number of Unicode code points in the specified text range of this sequence.

The text range begins at the specified **beginIndex** and extends to the char at index **endIndex - 1**. Therefore the length *inchars* of the text range is **endIndex - beginIndex**

Declaration

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

```
public int codePointCount(int beginIndex, int endIndex)
```

Parameters

- **beginIndex** -- This is the index to the first char of the text range.
- **endIndex** -- This is the index after the last char of the text range.

Return Value

This method returns the number of Unicode code points in the specified text range.

Exception

- **IndexOutOfBoundsException** -- if the beginIndex is negative, or endIndex is larger than the length of this sequence, or beginIndex is larger than endIndex.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class StringBuilderDemo {

   public static void main(String[] args) {

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

   // returns the codepoint count from index 1 to 5
   int retval = str.codePointCount(1, 5);
   System.out.println("Count = " + retval);

   str = new StringBuilder("amrood admin ");
   System.out.println("string = " + str);
   // returns the codepoint count from index 3 to 9
   retval = str.codePointCount(3, 9);
   System.out.println("Count = " + retval);
   }
}
```

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

```
string = programming
Count = 4
```

```
string = amrood admin
Count = 6
```