

JAVA.LANG.STRINGBUILDER.CODEPOINTBEFORE METHOD

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

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Description

The **java.lang.StringBuilder.codePointBefore** method returns the character *Unicodecodepoint* before the specified index. The **index** refers to char values *Unicodecodeunits* and ranges from 1 to length.

Declaration

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

```
public int codePointBefore(int index)
```

Parameters

- **index** -- This is the index following the code point that should be returned.

Return Value

This method returns the Unicode code point value before the given index.

Exception

- **IndexOutOfBoundsException** -- if the index argument is less than 1 or greater than the length of this sequence.

Example

The following example shows the usage of **java.lang.StringBuilder.codePointBefore** 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 before index 3
        int retval = str.codePointBefore(3);
        System.out.println("Character(unicode point) = " + retval);

        str = new StringBuilder("amrood admin ");
        System.out.println("string = " + str);
        // returns the codepoint before index 6
        retval = str.codePointBefore(6);
        System.out.println("Character(unicode point) = " + retval);
    }
}
```

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

```
string = programming
Character(unicode point) = 111
string = amrood admin
Character(unicode point) = 100
```

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