

JAVA.LANG.STRING.CODEPOINTBEFORE METHOD

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

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Description

The **java.lang.String.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.String.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 string.

Example

The following example shows the usage of java.lang.String.codePointBefore method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str = "JAVA";
        System.out.println("String = " + str);

        // codepoint before index 1 i.e J
        int retval = str.codePointBefore(1);

        // prints character before index1 in string
        System.out.println("Character(unicode point) = " + retval);
    }
}
```

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

```
String = JAVA
Character(unicode point) = 74
```

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