

JAVA.LANG.STRING.CODEPOINTAT METHOD

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

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Description

The **java.lang.String.codePointAt** method returns the character *Unicodecodepoint* at the specified index. The index refers to char values *Unicodecodeunits* and ranges from **0 to length - 1**.

Declaration

Following is the declaration for **java.lang.String.codePointAt** method

```
public int codePointAt(int index)
```

Parameters

- **index** -- This is the index to the char value.

Return Value

This method returns the code point value of the character at the index.

Exception

- **IndexOutOfBoundsException** -- if the index argument is negative or not less than the length of this string.

Example

The following example shows the usage of java.lang.String.codePointAt 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 at index 1
        int retval = str.codePointAt(1);

        // prints character at 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) = 65
```

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