

JAVA.LANG.CHARACTER.TOCODEPOINT METHOD

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

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Description

The **java.lang.Character.toCodePoint***charhigh, charlow* converts the specified surrogate pair to its supplementary code point value. This method does not validate the specified surrogate pair. The caller must validate it using `isSurrogatePair` if necessary.

Declaration

Following is the declaration for **java.lang.Character.toCodePoint** method

```
public static int toCodePoint(char high, char low)
```

Parameters

- **high** - the high-surrogate code unit
- **low** - the low-surrogate code unit

Return Value

This method returns the supplementary code point composed from the specified surrogate pair.

Exception

- **NA**

Example

The following example shows the usage of `lang.Character.toCodePoint` method.

```
package com.tutorialspoint;

import java.lang.*;

public class CharacterDemo {

    public static void main(String[] args) {

        // create 2 char primitives ch1, ch2
        char ch1, ch2;

        // assign values to ch1, ch2
        ch1 = '\ud800';
        ch2 = '\udc00';

        // create an int primitive cp
        int cp;

        // assign code point value of surrogate pair ch1, ch2 to cp
        cp = Character.toCodePoint(ch1, ch2);

        String str = "Supplementary code point value is " + cp;

        // print cp value
        System.out.println( str );
    }
}
```

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

Supplementary code point value is 65536

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