

JAVA.LANG.CHARACTER.TOLOWERCASE METHOD

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

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Description

The **java.lang.Character.toLowerCase** method converts the character *Unicodecodepoint* argument to lowercase using case mapping information from the UnicodeData file.

Note that `Character.isLowerCaseCharacter.toLowerCase(codePoint)` does not always return true for some ranges of characters, particularly those that are symbols or ideographs.

Declaration

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

```
public static int toLowerCase(int codePoint)
```

Parameters

- **codePoint** - the character *Unicodecodepoint* to be converted

Return Value

This method returns the lowercase equivalent of the character *Unicodecodepoint*, if any; otherwise, the character itself.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class CharacterDemo {

    public static void main(String[] args) {

        // create 4 int primitives
        int cp1, cp2, cp3, cp4;

        // assign values to cp1, cp2
        cp1 = 0x0057;
        cp2 = 0x2153;

        // assign lowercase of cp1, cp2 to cp3, cp4
        cp3 = Character.toLowerCase(cp1);
        cp4 = Character.toLowerCase(cp2);

        String str1 = "Lowercase equivalent of cp1 is " + cp3;
        String str2 = "Lowercase equivalent of cp2 is " + cp4;

        // print cp3, cp4 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

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

Lowercase equivalent of cp1 is 119
Lowercase equivalent of cn2 is 8531

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