

JAVA.LANG.CHARACTER.ISLOWERCASE METHOD

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

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Description

The **java.lang.Character.isLowerCase** method determines if the specified character *Unicode code point* is a lowercase character.

A character is lowercase if its general category type, provided by *getTypeCodePoint*, is LOWERCASE_LETTER, or it has contributory property Other_Lowercase as defined by the Unicode Standard.

Declaration

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

```
public static boolean isLowerCase(int codePoint)
```

Parameters

- **codePoint** - the character *Unicode code point* to be tested

Return Value

This method returns true if the character is lowercase, false otherwise.

Exception

- NA

Example

The following example shows the usage of lang.Character.isLowerCase method.

```
package com.tutorialspoint;

import java.lang.*;

public class CharacterDemo {

    public static void main(String[] args) {

        // create 2 int primitives cp1, cp2
        int cp1, cp2;

        // assign values to cp1, cp2
        cp1 = 0x007a;
        cp2 = 0xffff;

        // create 2 boolean primitives b1, b2
        boolean b1, b2;

        /**
         * check if cp1, cp2 represents lowercase characters
         * and assign results to b1, b2
         */
        b1 = Character.isLowerCase(cp1);
        b2 = Character.isLowerCase(cp2);

        String str1 = "cp1 represents a lowercase character is " + b1;
        String str2 = "cp2 represents a lowercase character is " + b2;

        // print b1, b2 values
        System.out.println( str1 );
    }
}
```

```
        System.out.println( str2 );  
    }  
}
```

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

```
cp1 represents a lowercase character is true  
cp2 represents a lowercase character is false
```

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