

JAVA.LANG.CHARACTER.GETTYPE METHOD

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

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Description

The **java.lang.Character.getType***intcodePoint* returns a value indicating a character's general category.

Declaration

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

```
public static int getType(int codePoint)
```

Parameters

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

Return Value

This method returns a value of type *int* representing the character's general category.

Exception

- NA

Example

The following example shows the usage of *lang.Character.getType* 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 = 0x0034;
        cp2 = 0x006f;

        // create 2 int primitives i1, i2
        int i1, i2;

        // assign getType values of cp1, cp2 to i1, i2
        i1 = Character.getType(cp1);
        i2 = Character.getType(cp2);

        /**
         * value 9 represents DECIMAL_DIGIT_NUMBER
         * value 2 represents LOWERCASE_LETTER
         */

        String str1 = "Category of cp1 is " + i1;
        String str2 = "Category of cp2 is " + i2;

        // print i1, i2 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

```
}
```

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

```
Category of cp1 is 9  
Category of cn2 is 2
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```