

JAVA.LANG.CHARACTER.GETTYPE METHOD

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

Copyright © tutorialspoint.com

Description

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

Declaration

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

```
public static int getType(char ch)
```

Parameters

- **ch** - the character 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 character primitives ch1, ch2
        char ch1, ch2;

        // assign values to ch1, ch2
        ch1 = 'M';
        ch2 = '$';

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

        // assign getType values of ch1, ch2 to i1, i2
        i1 = Character.getType(ch1);
        i2 = Character.getType(ch2);

        /**
         * value 1 represents UPPERCASE_LETTER
         * value 26 represents CURRENCY_SYMBOL
         */

        String str1 = "Category of " + ch1 + " is " + i1;
        String str2 = "Category of " + ch2 + " 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 M is 1  
Category of $ is 26
```

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