

JAVA.LANG.CHARACTER.ISJAVAIDENTIFIERSTART METHOD

http://www.tutorialspoint.com/java/lang/character_isjavaidentifierstart_codepoint.htm Copyright © tutorialspoint.com

Description

The **java.lang.Character.isJavaIdentifierStart** method determines if the character *Unicode codepoint* is permissible as the first character in a Java identifier.

A character may start a Java identifier if and only if one of the following conditions is true:

- `isLetter` returns true
- `getType` returns `LETTER_NUMBER`
- the referenced character is a currency symbol *such as '\$'*
- the referenced character is a connecting punctuation character *such as '_'*.

Declaration

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

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

Parameters

- **codePoint** - the character *Unicode codepoint* to be tested

Return Value

This method returns true if the character may start a Java identifier, false otherwise.

Exception

- NA

Example

The following example shows the usage of `lang.Character.isJavaIdentifierStart` 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 = 0x004a;

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

        /**
         * check if characters represented by cp1, cp2 can start a
         * java identifier and assign results to b1, b2
         */
        b1 = Character.isJavaIdentifierStart(cp1);
        b2 = Character.isJavaIdentifierStart(cp2);
    }
}
```

```
String str1 = "cp1 may start a Java identifier is " + b1;  
String str2 = "cp2 may start a Java identifier 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 may start a Java identifier is false  
cp2 may start a Java identifier is true  
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```