

JAVA.LANG.CHARACTER.ISUNICODEIDENTIFIERPART METHOD

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

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Description

The **java.lang.Character.isUnicodeIdentifierPart** method determines if the specified character *Unicodecodepoint* may be part of a Unicode identifier as other than the first character.

A character may be part of a Unicode identifier if and only if one of the following statements is true:

- it is a letter
- it is a connecting punctuation character such as '_'
- it is a digit
- it is a numeric letter *such as a Roman numeral character*
- it is a combining mark
- it is a non-spacing mark
- `isIdentifierIgnorable` returns true for this character.

Declaration

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

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

Parameters

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

Return Value

This method returns true if the character may be part of a Unicode identifier, false otherwise.

Exception

- NA

Example

The following example shows the usage of `lang.Character.isUnicodeIdentifierPart` 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 = 0x053e; // represents ARMENIAN CAPITAL LETTER CA
        cp2 = 0x0040; // represents @

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

```

boolean b1, b2;

/**
 * check if cp1, cp2 may be part of a Unicode identifier
 * and assign results to b1, b2.
 */
b1 = Character.isUnicodeIdentifierPart(cp1);
b2 = Character.isUnicodeIdentifierPart(cp2);

String str1 = "cp1 may be part of a Unicode identifier is " + b1;
String str2 = "cp2 may be part of a Unicode 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 be part of a Unicode identifier is true
cp2 may be part of a Unicode identifier is false

```

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