

JAVA.LANG.CHARACTER.ISSURROGATEPAIR METHOD

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

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Description

The **java.lang.Character.isSurrogatePair** *char*high, *char*low determines whether the specified pair of char values is a valid Unicode surrogate pair.

Declaration

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

```
public static boolean isSurrogatePair(char high, char low)
```

Parameters

- **high** - the high-surrogate code value to be tested
- **low** - the low-surrogate code value to be tested

Return Value

This method returns true if the specified high and low-surrogate code values represent a valid surrogate pair, false otherwise.

Exception

- **NA**

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class CharacterDemo {

    public static void main(String[] args) {

        // create 2 char primitives ch1, ch2
        char ch1, ch2;

        // assign values to ch1, ch2
        ch1 = '\ud800';
        ch2 = '\udc00';

        // create a boolean primitive b
        boolean b;

        // check if ch1, ch2 is a surrogate pair and assign result to b
        b = Character.isSurrogatePair(ch1, ch2);

        String str = "ch1, ch2 is a valid Unicode surrogate pair is " + b;

        // print b value
        System.out.println( str );
    }
}
```

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

ch1_ch2 is a valid **Unicode** surrogate pair is true

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