JAVA.LANG.CHARACTER.IS SUPPLEMENTARYCODEPOINT METHOD

Description

The **java.lang.Character.isSupplementaryCodePoint***intcodePoint* determines whether the specified character *Unicodecodepoint* is in the supplementary character range.

Declaration

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

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

Parameters

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

Return Value

This method returns true if the specified code point is between MIN_SUPPLEMENTARY_CODE_POINT and MAX_CODE_POINT inclusive, false otherwise.

Exception

- **NA**

Example

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

```java
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 = 0x10ffd;
      cp2 = 0x004ca;

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

      /**
       *  check if cp1, cp2 are in supplementary character range
       *  and assign results to b1, b2
       */
      b1 = Character.isSupplementaryCodePoint(cp1);
      b2 = Character.isSupplementaryCodePoint(cp2);

      String str1 = "cp1 represents a supplementary code point is " + b1;
      String str2 = "cp2 represents a supplementary code point 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 represents a supplementary code point is true
cp2 represents a supplementary code point is false
```