JAVA.UTIL.GREGORIANCALENDAR.ISLEAPYEAR METHOD

Description

The **java.util.GregorianCalendar.isLeapYear*intyear*** method determines if the given year is a leap year. Returns true if the given year is a leap year.

Declaration

Following is the declaration for **java.util.GregorianCalendar.isLeapYear** method

```
public boolean isLeapYear(int year)
```

Parameters

- **year** -- the given year.

Return Value

This method returns true if the given year is a leap year; false otherwise.

Exception

- **NA**

Example

The following example shows the usage of java.util.GregorianCalendar.isLeapYear method.

```
package com.tutorialspoint;

import java.util.*;

public class GregorianCalendarDemo {

   public static void main(String[] args) {

   // create a new calendar
   GregorianCalendar cal =
   (GregorianCalendar) GregorianCalendar.getInstance();

   // print the current date and time
   System.out.println("" + cal.getTime());

   // check if it is a leap year
   boolean isLeapYear = cal.isLeapYear(cal.get(GregorianCalendar.YEAR));
   System.out.println("Is leap year:" + isLeapYear);

   // check if 2013 is a leap year
   isLeapYear = cal.isLeapYear(2013);
   System.out.println("Is leap year:" + isLeapYear);

   }
}
```

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

```
Fri May 18 13:24:52 EEST 2012
Is leap year:true
Is leap year:false
```