

JAVA.UTIL.GREGORIANCALENDAR.GETLEAST MAXIMUM METHOD

http://www.tutorialspoint.com/java/util/gregorianCalendar_getleastmaximum.htm

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Description

The **java.util.GregorianCalendar.getLeastMaximum***intfield* method returns the lowest maximum value for the given calendar field of this GregorianCalendar instance. The lowest maximum value is defined as the smallest value returned by **getActualMaximum***int* for any possible time value, taking into consideration the current values of the **getFirstDayOfWeek**, **getMinimalDaysInFirstWeek**, **getGregorianChange** and **getTimeZone** methods.

Declaration

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

```
public int getLeastMaximum(int field)
```

Parameters

- **field** -- the calendar field

Return Value

This method returns the lowest maximum value for the given calendar field.

Exception

- **NA**

Example

The following example shows the usage of **java.util.GregorianCalendar.getLeastMaximum** 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());

        // get least maximum for day_of_month
        int min = cal.getLeastMaximum(GregorianCalendar.DAY_OF_MONTH);
        System.out.println("Least Maximum:" + min);

        // get least maximum for YEAR
        min = cal.getLeastMaximum(GregorianCalendar.YEAR);
        System.out.println("Least Maximum:" + min);

    }
}
```

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

```
Fri May 18 03:08:38 EEST 2012
Least Maximum:28
```

Least Maximum:292269054

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