

JAVA.UTIL.GREGORIANCALENDAR.GET GREATESTMINIMUM INTFIELD METHOD EXAMPLE

http://www.tutorialspoint.com/java/util/gregorianCalendar_getgreatestminimum.htm Copyright © tutorialspoint.com

Description

The **java.util.GregorianCalendar.getGreatestMinimumintfield** method returns the highest minimum value for the given calendar field of this GregorianCalendar instance. The highest minimum value is defined as the largest value returned by **getActualMinimumint** for any possible time value, taking into consideration the current values of the **getFirstDayOfWeek**, **getMinimalDaysInFirstWeek**, **getGregorianCalendarChange** and **getTimeZone** methods.

Declaration

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

```
public int getGreatestMinimum(int field)
```

Parameters

- **field** -- the calendar field

Return Value

This method returns the highest minimum value for the given calendar field.

Exception

- **NA**

Example

The following example shows the usage of **java.util.GregorianCalendar.getGreatestMinimum** 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 greatest minimum for day_of_month
        int min = cal.getGreatestMinimum(GregorianCalendar.DAY_OF_MONTH);
        System.out.println("Greatest Minimum:" + min);

        // get greatest minimum for YEAR
        min = cal.getGreatestMinimum(GregorianCalendar.YEAR);
        System.out.println("Greatest Minimum:" + min);

    }
}
```

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

Fri May 18 02:52:57 EEST 2012

Greatest Minimum:1

Greatest Minimum:1

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