

JAVA.UTIL.CALENDAR.ROLL METHOD

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

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Description

The **java.util.Calendar.roll** method adds^{up} or subtracts^{down} a single unit of time on the given time **field** without changing larger fields.

Declaration

Following is the declaration for **java.util.Calendar.roll** method

```
public abstract void roll(int field, boolean up)
```

Parameters

- **field** -- The field to be altered.
- **up** -- Indicates if the value of the specified time field is to be increased or decreased.

Return Value

This method does not return a value.

Exception

- **NA**

Example

The following example shows the usage of java.util.calendar.roll method.

```
package com.tutorialspoint;

import java.util.*;

public class CalendarDemo {

    public static void main(String[] args) {

        // create a calendar
        Calendar cal = Calendar.getInstance();

        // displays the current calendar
        System.out.println("Month is " + cal.get(Calendar.MONTH));

        // roll month
        cal.roll(Calendar.MONTH, true);

        // print result after rolling
        System.out.println("Month is " + cal.get(Calendar.MONTH));

        // roll downwards
        cal.roll(Calendar.MONTH, false);

        // print result after rolling down
        System.out.println("Month is " + cal.get(Calendar.MONTH));
    }
}
```

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

```
Month is 4
```

Month is 5

Month is 4

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