

JAVA.UTIL.CALENDAR.ADD METHOD

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

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Description

The **java.util.Calendar.add** adds or subtracts the specified amount of time *amount* to the given calendar field *field*, based on the calendar's rules.

Declaration

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

```
public abstract void add(int field,int amount)
```

Parameters

- **field** -- the calendar field.
- **amount** --the amount of date or time to be added to the field.

Return Value

This method does not return any value.

Exception

- **NA**

Example

The following example shows the usage of java.util.Calendar.Add method.

```
package com.tutorialspoint;
import java.util.Calendar;

public class CalendarDemo {

    public static void main(String[] args) {

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

        // print current date
        System.out.println("The current date is : " + cal.getTime());

        // add 20 days to the calendar
        cal.add(Calendar.DATE, 20);
        System.out.println("20 days later: " + cal.getTime());

        // subtract 2 months from the calendar
        cal.add(Calendar.MONTH, -2);
        System.out.println("2 months ago: " + cal.getTime());

        // subtract 5 year from the calendar
        cal.add(Calendar.YEAR, -5);
        System.out.println("5 years ago: " + cal.getTime());
    }
}
```

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

```
The current date is : Thu Apr 26 02:13:28 EEST 2012
20 days later: Wed May 16 02:13:28 EEST 2012
```

2 months ago: Fri Mar 16 02:13:28 EET 2012

5 years ago: Fri Mar 16 02:13:28 EET 2007

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