**How to get the previous & next day date from a given date in Java**

[**JAVA DATE**](http://beginnersbook.com/category/technology/java-guide/java-date/)

This tutorial is divided into three sections as follows:

**1)**[**Calculate the number of days between two dates**](http://beginnersbook.com/2013/04/number-of-days-calculation-between-two-dates/)  
**2) Get the previous day date and the next day date from the given date**  
**3)**[**Compare two dates with each other**](http://beginnersbook.com/2013/04/dates-comparison-in-java/)

**You’re reading part 2 pf above mentioned tutorials**: Here we are providing an input date in yyyy-MM-dd format and generating the previous days and next days date from it.

class Demo{

public static void main(String args[])

{

/\*This is our input date. We will be generating

\* the previous and next day date of this one

\*/

String fromDate = "2014-01-01";

//split year, month and days from the date using StringBuffer.

StringBuffer sBuffer = new StringBuffer(fromDate);

String year = sBuffer.substring(2,4);

String mon = sBuffer.substring(5,7);

String dd = sBuffer.substring(8,10);

String modifiedFromDate = dd +'/'+mon+'/'+year;

int MILLIS\_IN\_DAY = 1000 \* 60 \* 60 \* 24;

/\* Use SimpleDateFormat to get date in the format

\* as passed in the constructor. This object can be

\* used to covert date in string format to java.util.Date

\* and vice versa.\*/

java.text.SimpleDateFormat dateFormat =

new java.text.SimpleDateFormat("dd/MM/yy");

java.util.Date dateSelectedFrom = null;

java.util.Date dateNextDate = null;

java.util.Date datePreviousDate = null;

// convert date present in the String to java.util.Date.

try

{

dateSelectedFrom = dateFormat.parse(modifiedFromDate);

}

catch(Exception e)

{

e.printStackTrace();

}

//get the next date in String.

String nextDate =

dateFormat.format(dateSelectedFrom.getTime() + MILLIS\_IN\_DAY);

//get the previous date in String.

String previousDate =

dateFormat.format(dateSelectedFrom.getTime() - MILLIS\_IN\_DAY);

//get the next date in java.util.Date.

try

{

dateNextDate = dateFormat.parse(nextDate);

System.out.println("Next day's date: "+dateNextDate);

}

catch(Exception e)

{

e.printStackTrace();

}

//get the previous date in java.util.Date.

try

{

datePreviousDate = dateFormat.parse(previousDate);

System.out.println("Previous day's date: "+datePreviousDate);

}

catch(Exception e)

{

e.printStackTrace();

}

}

}

Output:

Next day's date: Thu Jan 02 00:00:00 IST 2014

Previous day's date: Tue Dec 31 00:00:00 IST 2013