

# Java Date, Calendar and Time

1. Write a Java program to create a Date object using the Calendar class.
2. Write a Java program to get and display information (year, month, day, hour, minute) of a default calendar.
3. Write a Java program to get the maximum value of the year, month, week, date from the current date of a default calendar.
4. Write a Java program to get the minimum value of year, month, week, date from the current date of a default calendar.
5. Write a Java program to get the current time in New York.
6. Write a Java program to get current full date and time.
7. Write a Java program to get the last day of the current month.
8. Write a Java program to get the last date of the month.
9. Write a Java program to calculate the first and last day of each week.
10. Write a Java program to get the name of the first and last day of a month.
11. Write a Java program to get the number of days of a month.
12. Write a Java program to get localized day-in-week name.
13. Write a Java program to get a day of the week of a specific date.
14. Write a Java program to get the current local time.
15. Write a Java program to add some hours to the current time.
16. Write a Java program to get a date after 2 weeks.
17. Write a Java program to get a date before and after 1 year compares to the current date.
18. Write a Java program to check a year is a leap year or not.
19. Write a Java program to get year and months between two dates.
20. Write a Java program to get current timestamp.

- 21.** Write a Java program to get the current time in all the available time zones.
- 22.** Write a Java program to get the dates 10 days before and after today.
- 23.** Write a Java program to get the months remaining in the year.
- 24.** Write a Java program to display the dates in the following formats.

Sample format :

```
Default format of LocalDate=2016-09-16
16::Sep::2016
Default format of LocalDateTime=2016-09-16T11:46:01.455
16::Sep::2016 11::46::01
Default format of Instant=2016-09-16T06:16:01.456Z
Default format after parsing = 2014-04-27T21:39:48
```

Sources:

[https://www.w3schools.com/java/java\\_date.asp](https://www.w3schools.com/java/java_date.asp)

<https://docs.oracle.com/javase/8/docs/api/java/time/format/DateTimeFormatter.html>

<https://www.w3resource.com/java-exercises/datetime/index.php>