

# Java | Current date and time

Difficulty Level : Basic Last Updated : 08 Jul, 2021

There can be multiple ways to print the current date and time.

## Using Date Class

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```
// Java program to print current date and
// time using Date class.
import java.util.*;

public class Main {
    public static void main(String[] args)
    {
        Date d1 = new Date();
        System.out.println("Current date is " + d1);
    }
}
```

## Output:

Current date is Sat Mar 24 18:22:46 UTC 2018

## Using Calendar class

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```
// Java Code of calendar.get() function
import java.util.*;

class GFG {
```

```
// Driver code
public static void main(String[] args)
{
    Calendar c = Calendar.getInstance();
    System.out.println("Day of week : " +
        c.get(Calendar.DAY_OF_WEEK));
    System.out.println("Day of year : " +
        c.get(Calendar.DAY_OF_YEAR));
    System.out.println("Week in Month : " +
        c.get(Calendar.WEEK_OF_MONTH));
    System.out.println("Week in Year : " +
        c.get(Calendar.WEEK_OF_YEAR));
    System.out.println("Day of Week in Month : " +
        c.get(Calendar.DAY_OF_WEEK_IN_MONTH));
    System.out.println("Hour : " + c.get(Calendar.HOUR));
    System.out.println("Minute : " + c.get(Calendar.MINUTE));
    System.out.println("Second : " + c.get(Calendar.SECOND));
    System.out.println("AM or PM : " + c.get(Calendar.AM_PM));
    System.out.println("Hour (24-hour clock) : " +
        c.get(Calendar.HOUR_OF_DAY));
}
```

## Output:

```
Day of week : 7
Day of year : 83
Week in Month : 4
Week in Year : 12
Day of Week in Month : 4
Hour : 6
Minute : 22
Second : 48
AM or PM : 1
Hour (24-hour clock) : 18
```

We can use calendar and [formatter class](#) to print the current dates in a specific format.