Date and Time in Java by Munawar

Date & time in java

Java. Time -----------> package for date & time in java form java 8 onwards.

Before java 8 java.util package used to hold the date and time classes now these classes are depreciated.

How java stores a Date

Date in java is stored in the form of a long number. This long number holds the number of millisecond passed since 1 January 1970.

Java assumes that 1900 is the start year which means if calculates years passed since 1900 whenever we ask it for year passed.

System. Current Times Millis () returns no of milliseconds passed. Once no of ms are calculated, we can calculate minutes seconds & years passed.

Quick Quiz:

Is it save to store the no of ms in a variable of type long?

Source Code

```java
import java.lang.reflect.Array;
import java.util.*;

public class NewTask {
    public static void main(String[] args) {

        System.out.println(System.currentTimeMillis());

        // calculates years
        System.out.println(System.currentTimeMillis()/1000/3600/24/365);
```

```
        }
}
```

Thank You