Example 1 - How to get today's date in Java 8  
  
Example 2 - How to get current day, month and year in Java 8  
  
Example 3 - How to get a particular date in Java 8  
  
Example 4 - How to check if two dates are equal in Java 8  
  
Example 5 - How to check for recurring events e.g. birthday in Java 8  
  
Example 6 - How to get current Time in Java 8  
  
Example 7 - How to add hours in time  
  
Example 8 - How to find Date after 1 week  
  
Example 9 - Date before and after 1 year  
   
Example 10 - Using Clock in Java 8  
  
Example 11 - How to see if a date is before or after another date in Java

Example 12 - Dealing with time zones in Java 8  
   
Example 13 - How to represent fixed date e.g. credit card expiry, YearMonth  
  
Example 14 - How to check Leap Year in Java 8

Example 15 - How many days, month between two dates  
   
Example 16 - Date and Time with timezone offset

Example 17 - How to get current timestamp in Java 8

Example 18 - How to parse/format date in Java 8 using predefined formatting  
  
Example 19 - How to parse date in Java using custom formatting

Example 20 - How to convert Date to String in Java 8, formatting dates

Brain Stroming:

What is the difference between previous date api (java.util.Date, Calendar ) and java8 date apis( LocalDate, LocalDateTime..)? Why new classes were introduced in java8?

LabWork

Create a method to accept date and print the duration in days, months and years with regards to current system date.

Revise it to accept two LocalDates and print the duration between dates in days, months and years.

Create a method to accept product purchase date and warrantee period (in terms of months and years). Print the date on which warrantee of product expires.

Create a method which accept zone id and print the current date and time with respect to given zone. (Hint: Few zones to test your code. America/New\_York, Europe/London, Asia/Tokyo, US/Pacific, Africa/Cairo, Australia/Sydney etc.)