* Date-Time API Answers

1. Which class would you use to store your birthday in years, months, days, seconds, and nanoseconds?

A: The LocalDateTime class.

1. Given a random date, how would you find the date of the previous Thursday?

A: date.with(TemporalAdjuster.previous(DayofWeek.THURSDAY));

1. What is the difference between a ZoneId and a ZoneOffset?

A: ZoneId is a representation of the time zone and tracks the offset from UTC

ZoneOffset extends ZoneId and defines only a fixed offset from the current time zone to UTC

1. How would you convert an Instant to a ZonedDateTime? How would you convert a ZonedDateTime to an Instant?

A: convert Instant to ZondedDateTime with

Instant.now().atZone(ZoneId.systemDefault());

convert a ZonedDateTime to an Instant with

ZonedDateTime.now().toInstant();