**Java 8 Time API assignments**

1. Find out the day exactly after 15 days from today’s date.
2. Find out how much time is required from now for 12 PM.
3. Find out how many days are required to reach 29-Feb from today’s date.
4. Print the current time in different time zones.
5. Print the current date with different locales.
6. Print the current date with different date formats like dd/mm/yyyy, mm/dd/yyyy hh:mm:ss etc.
7. Find out how many Sundays the current year has.
8. Find out the months in the given year having 5 Sundays.
9. Let user enter month & year. Find out total number of holidays within that month. Note, all Sundays and 2nd, 4th Saturday remains holiday. (Write custom TemoralAdjuster)
10. Sana works as an IT professional where every Saturday & Sunday is off. Apart from this, her company has declared below holidays during year 2019:
    1. 01 Jan, 26 Jan, 04 Mar, 21 Mar, 06Apr, 17 Apr, 19 Apr, 21Apr, 01 May, 18 May, 05 Jun, 12 Aug, 15 Aug, 10 Sep, 02 Oct, 27 Oct, 28 Oct, 10 Nov, 12 Nov, 25 Dec.
    2. Sana wants to plan minimum 4 days vacation with maximum 1 leave application. Please help Sana to list down possible vacation dates & leaves, she needs to apply for. Note: your generic code should take input of the year & possible holidays to find out leave plans.