1.Write a Java program to get a day of the week of a specific date.

// Import the LocalDate and DayOfWeek classes from the java.time package

import java.time.LocalDate;

import java.time.DayOfWeek;

// Define the main class

public class Main {

// Define the main method

public static void main(String[] args) {

// Create a LocalDate object with a specific date

LocalDate date = LocalDate.of(2023, 6, 23);

// Get the day of the week of the date using getDayOfWeek method

DayOfWeek day = date.getDayOfWeek();

// Print the date and the day of the week

System.out.println("The date is " + date);

System.out.println("The day of the week is " + day);

}

}

2.Write a Program to add given hours in current date and time in Java.

// Import the LocalDateTime and ChronoUnit classes from the java.time package

import java.time.LocalDateTime;

import java.time.temporal.ChronoUnit;

// Define the main class

public class Main {

// Define the main method

public static void main(String[] args) {

// Get the current date and time using now method of LocalDateTime class

LocalDateTime current = LocalDateTime.now();

// Print the current date and time

System.out.println("The current date and time is " + current);

// Define a variable to store the given hours to add

int hours = 5;

// Add the given hours to the current date and time using plus method of LocalDateTime class

LocalDateTime updated = current.plus(hours, ChronoUnit.HOURS);

// Print the updated date and time

System.out.println("The updated date and time after adding " + hours + " hours is " + updated);

}

}