import java.time.LocalDate;

import java.time.format.DateTimeFormatter; import java.time.temporal.ChronoUnit;

public class EmployeeService {

public static long calculateLOPs(String startDateLOP, String endDateLOP) {

DateTimeFormatter formatter = DateTimeFormatter.ofPattern("dd/MM/yyyy");

LocalDate start = LocalDate.parse(startDateLOP, formatter); LocalDate end = LocalDate.parse(endDateLOP, formatter);

long lops = ChronoUnit.DAYS.between(start, end) + 1;

return lops;

}

public static void main(String[] args) { try {

String startDate = "01/01/2024"; String endDate = "05/01/2024";

long numberOfLOPs = calculateLOPs(startDate, endDate);

System.out.println("Number of LOPs between " + startDate + " and " + endDate + ": "

+ numberOfLOPs);

} catch (Exception e) {

System.out.println("An error occurred: " + e.getMessage());

}

}

}

OUTPUT:

D:\JavaProgrammingFundamentals>javac EmployeeService.java

D:\JavaProgrammingFundamentals>java EmployeeService Number of LOPs between 01/01/2024 and 05/01/2024: 5