1. Write a Java program where the current year and the year in which an employee joined the organization are entered through the keyboard. If the number of years for which the employee has served the organization is greater than 5, a bonus of Rs. 5000/- is given to the employee. If the years of service are between 3 and 5 (inclusive), a bonus of Rs. 3000/- is given. If the years of service are less than 3, then the program should print a message indicating that no bonus is awarded.

import java.util.Scanner;

public class EmployeeBonus {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter the current year: ");

int currentYear = scanner.nextInt();

System.out.print("Enter the year the employee joined: ");

int joinYear = scanner.nextInt();

int yearsOfService = currentYear - joinYear

if (yearsOfService > 5) {

System.out.println("Congratulations! You have been awarded a bonus of Rs. 5000/-");

} else if (yearsOfService >= 3 && yearsOfService <= 5) {

System.out.println("Congratulations! You have been awarded a bonus of Rs. 3000/-");

} else {

System.out.println("Sorry, no bonus is awarded.");

} scanner.close();

}

}