import java.util.Scanner;

public class MatrixAddition {

public static void main(String[] args) {

int[][] matrix1 = new int[3][3];

int[][] matrix2 = new int[3][3];

int[][] sumMatrix = new int[3][3];

Scanner scanner = new Scanner(System.in);

System.out.println("Enter elements of the first matrix:");

for (int i = 0; i < 3; i++) {

for (int j = 0; j < 3; j++) {

matrix1[i][j] = scanner.nextInt();

}

}

System.out.println("Enter elements of the second matrix:");

for (int i = 0; i < 3; i++) {

for (int j = 0; j < 3; j++) {

matrix2[i][j] = scanner.nextInt();

}

}

// Perform matrix addition

for (int i = 0; i < 3; i++) {

for (int j = 0; j < 3; j++) {

sumMatrix[i][j] = matrix1[i][j] + matrix2[i][j];

}

}

// Display the sum matrix

System.out.println("Sum of the matrices:");

for (int i = 0; i < 3; i++) {

for (int j = 0; j < 3; j++) {

System.out.print(sumMatrix[i][j] + " ");

}

System.out.println();

}

}

}