import java.util.Scanner;

public class Matrix {

public static void main(String[] args) {

int a[][]=new int[2][2];

int b[][]=new int[2][2];

int c[][]=new int[2][2];

Scanner r= new Scanner(System.in);

System.out.println("Enter First Matrix Data");

for(int i=0;i<2;i++) //for rows

{

for(int j=0;j<2;j++)//columns

{

a[i][j]=r.nextInt();

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

}

System.out.print("\n");

}

System.out.println("Enter Second Matrix Data");

for(int i=0;i<2;i++) //for rows

{

for(int j=0;j<2;j++)//columns

{

b[i][j]=r.nextInt();

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

}

System.out.print("\n");

}

System.out.println("Sum of two Matrix");

for(int i=0;i<2;i++) //for rows

{

for(int j=0;j<2;j++)//columns

{

c[i][j]=a[i][j]+b[i][j];

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

}

System.out.print("\n");

}

}

}