import java.io.\*;

import java.util.\*;

class MatrixAddition

{

public static void main(string args[])

{

int i,j,r1,c1,r2,c2;

int a[][]=new int[10][10];

int b[][]=new int[10][10];

int c[][]=new int[10][10];

scanner s=new scanner(system.in);

system.out.println("enter no. of rows and columns of 1st matrix:");

r1=s.nextInt();

c1=s.nextInt();

system.out.println("enter the no. of rows and columns of 2nd matrix:");

r2=s.nextInt();

c2=s.nextInt();

if(r1==r1 && c1==c2)

{

system.out.println("enter the elements of 1st matrix:");

for(i=0;i<r1;i++)

{

for(j=0;j<c1;j++)

{

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

}

}

system.out.println("enter elements of 2nd matrix:");

for(i=0;i<r2;i++)

{

for(j=0;j<c2;j++)

{

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

}

}

system.out.println("addition is:");

for(i=0;i<r1;i++)

{

for(j=0;j<c1;j++)

{

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

system.out.print(c[i][j]+"\t");

}

system.out.println(" ");

}

}

else

{

system.out.println("matrix addition not possible:");

}

}

}