import java.util.\*;

import java.io.\*;

class HelloWorld {

public static void main(String[] args) {

Scanner obj = new Scanner (System.in);

System.out.println("Enter the number of entries:");

int n = obj.nextInt();

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

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

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

int i,j,k ;

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

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

{

System.out.println("Enter the [" + (i)+"]["+(j)+"] element of matrix A :");

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

}

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

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

{

System.out.println("Enter the [" + (i)+"]["+(j)+"] element of matrix B :");

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

}

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

{

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

{

c[i][j]=0;

for(k=0;k<n;k++)

{

c[i][j]=c[i][j]+a[i][k]\*b[k][j];

}}}

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

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

{

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

}

}

}