2690 - Multiplying Matrices

Description

Our friend Tomas is a bit curious with Algebra problems . Recently working on an application to help boys first anno Algebra in the subject , but some work is going on with the multiplication of matrices , for as he long ago and have problem with programming , you need help making an application to multiply two matrices if possible.

Input specification

The first line contains two numbers 1 < = N, M < = 100 where N is the number of rows and M the number of columns having the first matrix. After contains exactly N - containing lines separated by a space that represent the values ??of the first matrix M- numbers. E the following line contains two numbers 1 < = R , C < = 100 where R is the number of rows and C the number of columns has the second matrix. The following R- lines separated by a space containing each, representing the values ??of the two C- number matrix .

Output specification

You must print the obtained matrix multiplication between the first and second , if possible, if they can not multiply matrices should display the message "The matrices can not be Multiplied".

Sample input

```
3 1
1
2
3
1 3
3 2 1
```

Sample output

```
3 2 1
6 4 2
9 6 3
```

Hint(s)

Source	José Nolberto Isac González
Added by	**lgvallejo**
Addition date	2013-12-12
Time limit (ms)	10000
Test limit (ms)	1000
Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text