
Rectangles (1)

X26853_en

Write a program that prints rectangles with $n \times m$ values $(n + m) \bmod 5$'s.

Input

Input consists of several pairs of natural numbers.

Output

For every pair (n, m) , print a rectangle of size $n \times m$ full of $(n + m) \bmod 5$'s. Separate two rectangles with an empty line.

Sample input 1

```
3 3
2 5
6 4
```

Sample output 1

```
111
111
111

22222
22222

0000
0000
0000
0000
0000
0000
```

Sample input 2**Sample output 2****Sample input 3**

```
5 5
7 5
5 7
```

Sample output 3

```
00000
00000
00000
00000
00000

22222
22222
22222
22222
22222
22222
22222

2222222
2222222
2222222
2222222
2222222
```

Problem information

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