
Rectangles (2)**X59091_en**

Write a program that prints $n \times m$ rectangles. Print each rectangle in an independent way, fill it up with 9, followed by 8, ... followed by 0, etc.

Input

The input consists of several pairs of natural numbers.

Output

For every pair (n, m) , print a rectangle of size $n \times m$ filled with 9, 8, ..., 0, 9, Separate two rectangles with an empty line.

Sample input 1

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

Sample output 1

```
987
654
321

98765
43210

9876
5432
1098
7654
3210
9876
```

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

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

Sample output 3

```
98765
43210
98765
43210
98765

98765
43210
98765
43210
98765
43210
98765

9876543
2109876
5432109
8765432
1098765
```

Problem information

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