ICPC Assiut University Community
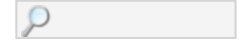## Newcomers Training ,Do Your Best

HOME   TOP   CATALOG   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP   RAYAN 🏆

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

A. Drawing Task

time limit per test: 1 second❓
memory limit per test: 256 megabytes

A young little boy is feeling boredom and didn't know what to do. by chance, he read on the internet that: drawing helps get rid of boredom. unfortunately, he didn't know how to draw but he is very creative.so he asks you to help him.

He got an empty grid of size $n \times m$, its rows are numbered from 1 through n and its columns are numbered from 1 through m, and it is initially filled with dots ".".

He will give you some instructions and you have to apply them one by one in the order they were given to you or He still feel bored and then kill himself, each instruction contains 4 integers r_1, c_1, r_2, c_2 and a lowercase Latin letter c, meaning that have to fill the sub-grid between rows r1 and r2 and columns c1 and c2, with the letter c.

Can you help the little boy ...?

Input
The first line of input contains 3 integers $n, m, q(1 \leq n, m \leq 100, 0 \leq q \leq 100)$, as described in the problem statement.

Followed by q lines each contains 4 integers $r_1, c_1, r_2, c_2(1 \leq r_1, r_2 \leq n, 1 \leq c_1, c_2 \leq m)$, and a lowercase Latin letter c.

Output
Print the grid after applying all the instructions.

Example

input   Copy

```
6 6 3
1 1 2 6 a
5 1 6 6 c
2 3 5 4 b
```

output   Copy

```
aaaaaa
aabbaa
..bb..
..bb..
ccbbcc
cccccc
```

Note

Don't print any extra spaces.

- Sheet #10 (General Hard)

- Sheet #9 (General medium)

- Sheet #8 (General easy)

- Sheet #7 (Recursion)

- Sheet #6 (Math - Geometry)

- Sheet #5 (Functions)

- Sheet #4 (Strings)

- Contest #3.1

- Sheet #3 (Arrays)

- Contest #2

- Sheet #2 (Loops)

- Contest #1

- Sheet #1 (Data type - Conditions)

Sheet #9 (General medium)

Finished

Practice

⭐

→ **About Time Scaling**   ⌄

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the link.

→ **Virtual participation** ⌄

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

<div style="text-align:center">

Start virtual contest

</div>

→ **Submit?**

Language: | GNU G++23 14.2 (64 bit, msy ⌄

Choose file: | Choose File | No file chosen

Submit

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