

(/)

[Problems \(/problems\)](/problems/) / [basics \(/problems/basics\)](/problems/basics/) / [Character Patterns \(Act 4\)](#)[My status \(/status/CPTTRN4,npetrovic/\)](/status/CPTTRN4,npetrovic/) [Status \(/status/CPTTRN4/\)](/status/CPTTRN4/) [Ranking \(/ranks/CPTTRN4/\)](/ranks/CPTTRN4/)

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CPTTRN4 - Character Patterns (Act 4)

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Using two characters: . (dot) and * (asterisk) print a grid-like pattern.

Input

You are given t - the number of test cases and for each of the test cases four positive integers: l - the number of lines, c - the number of columns in the grid; h and w - the high and the with of the single rectangle.

Output

For each of the test cases output the requested pattern (please have a look at the example). Use one line break in between successive patterns.

Example

Input:

```
3
3 1 2 1
4 4 1 2
2 5 2 2
```

Output:

```
***
*.*
*.*
***
*.*
*.*
***
*.*
*.*
***

*****
*.*.*.*.*
*****
*.*.*.*.*
*****
*.*.*.*.*
*****
*.*.*.*.*
*****
*.*.*.*.*
*****

*****
*.*.*.*.*
*.*.*.*.*
*****
*.*.*.*.*
*.*.*.*.*
*****
```

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hide comments



levim (/users/levim): 2015-10-27 18:19:47

Great exercise for a novice programmer like me. I kept getting TLE so I optimized it as much as I could to then found out I was submitting it as python 3.4(3.4) instead of python 3(3.4). At least I learned a lot about TLE this way.



deveshd020 (/users/deveshd020): 2015-10-22 13:46:57

yes its width not with




Anubhav Saini (/users/iamanubhavsaini): 2015-10-14 09:52:31

" the high and the with of the single rectangle." => should be => " the height and the width of the single rectangle."

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2. Please be careful, leave short comments only. Don't spam here.
3. For more discussion (hints, ideas, solutions) please visit our forum (/forum).
4. Authors of the problems are allowed to delete the post and use html code here (e.g. to provide some useful links).

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Added by: kuszi (/users/kuszi)
Date: 2012-09-03
Time limit: 0.764s
Source limit: 50000B
Memory limit: 1536MB
Cluster: Cube (Intel Pentium G860
3GHz) (/clusters/)
Languages: All



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