10/04/2024, 19:26 Problem - B - Codeforces





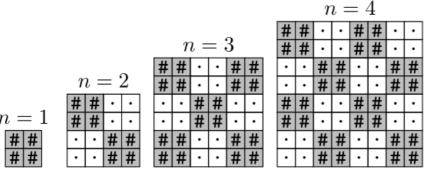
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# B. Upscaling

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

You are given an integer n. Output a  $2n \times 2n$  checkerboard made of  $2 \times 2$  squares alternating '#' and '.', with the top-left cell being '#'.



The picture above shows the answers for n = 1, 2, 3, 4.

#### Input

The first line contains an integer t ( $1 \le t \le 20$ ) — the number of test cases.

The only line of each test case contains a single integer n ( $1 \le n \le 20$ ) — it means you need to output a checkerboard of side length 2n.

### Output

For each test case, output 2n lines, each containing 2n characters without spaces — the checkerboard, as described in the statement. Do **not** output empty lines between test cases.

## Example

input	Сору
4	
1	
2 3	
4	
output	Сору
##	
##	
##	
##	
##	
##	
####	
####	
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## ##   ## ##	
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## Codeforces Round 937 (Div. 4)

### **Finished**

### → Practice?

Want to solve the contest problems after the official contest ends? Just register for practice and you will be able to submit solutions.

Register for practice

## → 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.

Start virtual contest



No tag edit access

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### → Contest materials

- Announcement (en)
- Tutorial (en)

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