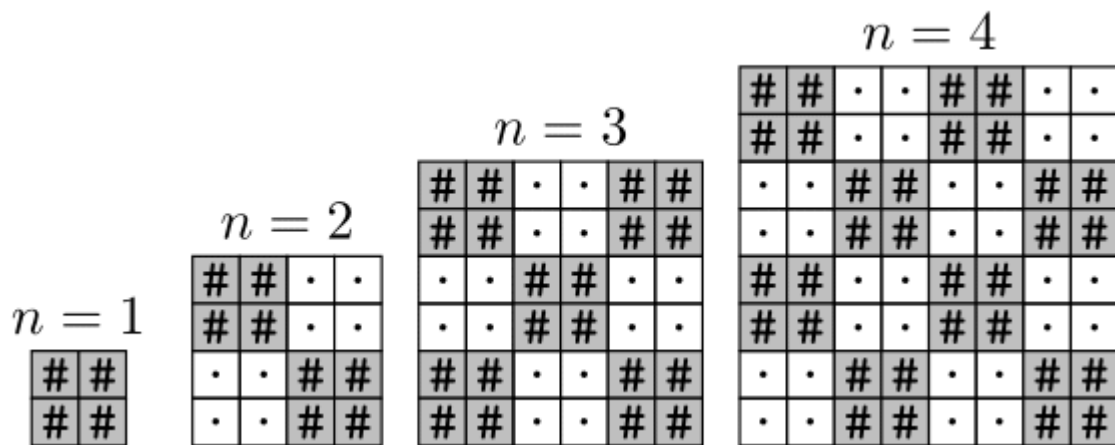


## Problem L. div4-2

**Time limit** 1000 ms

**Mem limit** 262144 kB

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



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

### Input

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

The only line of each test case contains a single integer  $n$  ( $1 \leq n \leq 20$ ) — 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.

### Examples

Input	Output
4	##
1	##
2	##..
3	##..
4	..##
	..##
	##..##
	##..##
	..##..
	..##..
	##..##
	##..##
	##..##..
	##..##..
	..##..##
	..##..##
	##..##..
	##..##..
	..##..##
	..##..##