

## F. Fox And Snake

time limit per test: 2 seconds ⓘ  
memory limit per test: 256 megabytes  
input: standard input  
output: standard output

Fox Ciel starts to learn programming. The first task is drawing a fox! However, that turns out to be too hard for a beginner, so she decides to draw a snake instead.

A snake is a pattern on a  $n$  by  $m$  table. Denote  $c$ -th cell of  $r$ -th row as  $(r, c)$ . The tail of the snake is located at  $(1, 1)$ , then it's body extends to  $(1, m)$ , then goes down 2 rows to  $(3, m)$ , then goes left to  $(3, 1)$  and so on.

Your task is to draw this snake for Fox Ciel: the empty cells should be represented as dot characters ('.') and the snake cells should be filled with number signs ('#').

Consider sample tests in order to understand the snake pattern.

### Input

The only line contains two integers:  $n$  and  $m$  ( $3 \leq n, m \leq 50$ ).

$n$  is an **odd** number.

### Output

Output  $n$  lines. Each line should contain a string consisting of  $m$  characters. Do not output spaces.

### Examples

input	Copy
3 3	
output	Copy
### ..# ###	
input	Copy
3 4	
output	Copy
#### ...# ####	
input	Copy
5 3	
output	Copy
### ..# ### #.. ###	
input	Copy
9 9	
output	Copy
##### .....# ##### #..... ##### .....# ##### #..... #####	

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→ About Group



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→ Group Contests

- 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 #8 (General easy)

Finished

Practice

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→ 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](#).