

# Rice Field

Time Limit: 1s

Memory Limit: 256 MB



## Description

Mr. Tanaka wants to sell some of his rice field. To better promote the field, he needs some pictures. He likes cool hacking stuff and terminal so he offers you to write a program that displays the the rice field in a pattern, and he will pay it with 12% of the sales. You already learnt about patterns in looping module so you happily accept his offer

## Input Format

The first line will contain an integer **n**, the number of rice fields that Mr. Tanaka wants to sell

The second line will contain **n** integers **x**, the length of square of each rice field

## Output Format

Pattern of the rice field with size **x . x** and filled with patterns (see *Example* for a clearer illustration)

## Constraints

$1 \leq n, x \leq 100$

Example

Input
5 1 2 3 4 5
Output
+---+   v   +---+ +-----+   v .     . v   +-----+ +-----+   v . v     . v .     v . v   +-----+ +-----+   v . v .     . v . v     v . v .     . v . v   +-----+ +-----+   v . v . v     . v . v .     v . v . v     . v . v .     v . v . v   +-----+