

Triangle shrinking downwards

Given a string of a constant length, print a triangle out of it. The triangle should start with the given string and keeps shrinking downwards by removing one character from the beginning of the string.

The spaces on the left side of the triangle should be replaced with dot character.

Input: First line of the input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case consists of a single line containing a string of length N.

Output: Corresponding to each test case, a pattern of triangle is printed in N lines.

Constraints:

$1 \leq T \leq 30$

$N = 5$

Example:

Input:

2

Geeks

@io30

Output:

Geeks

.eeks

..eks

...ks

....s

@io30

.io30

..o30

...30

....0