

Introduction

The pharaoh Evaristo III was the greatest pyramid lover in the world.

In the very last day of his life, the pharaoh requested to build the most singular pyramid of the whole universe: the living pyramid. It is magical and unique because when someone shouts a positive integer number in front of it, the pyramid changes in order to have as many levels as the number. Thus your task is to create the most beautiful living pyramid.

Input

1 3 4

Output



