Problem A. Absurd Triangle 4

In the world of text files, it is almost impossible to draw a triangle. But oh my, your friend wants a triangle! This is why you have to write a program that draws a triangle in the standard output.

The triangle you decided to draw is a right isosceles triangle, which has base and height n. Therefore, you have to print n lines. However, this problem is slightly complicated than the problem before.

- In the first line, you should print $(n-1)$ spaces ' ' (ASCII code 32) and a dot '.' (ASCII code 46)
- In the i-th line $(2 \le i \le n-1)$, you should print $(n-i)$ spaces ' ' (ASCII code 32), one slash '/' (ASCII code 47), $(i-2)$ spaces ' ' (ASCII code 32), and one '|' (ASCII code 124).
- In the last(n-th) line, you should print one slash '/' (ASCII code 47), $(n-2)$ underscores '_' (ASCII code 95), and one '|' (ASCII code 124).

Input

Your input consists of an arbitrary number of records, but no more than 50.

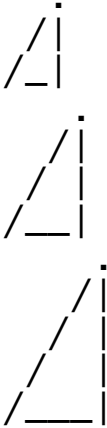Each record is a line that contains an integer n ($3 \le n \le 100$).

The end of input is indicated by a line containing only the value -1.

Output

For each input record, print n lines that contains a triangle given in the statement. The checking script for this problem is very strict, so you should follow the instructions correctly.

Example

Standard input	Standard output

3
4
5
-1
	``
	      .
	     /｜
	    /_｜
	       .
	      /｜
	     / ｜
	    /__｜
	        .
	       /｜
	      / ｜
	     / ｜
	    /___｜
	``

Time Limit

1 second.