

Problem A. Absurd triangle

In the world of text files, it is almost impossible to draw a triangle. But oh my, your younger brother 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, and the i -th line should contain i backslashes ('\\'), to tell your brother that drawing a triangle in a text world is absurd.

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 ($1 \leq n \leq 100$).

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.

Example

Standard input	Standard output
4 3 -1	<pre>\ \\ \\\ \\\\ \ \\ \\</pre>

Time Limit

1 second.