

Overview: Print a triangle in ASCII

Description: San Fransokyo Tech mascot Fred's wealthy parents want to design a new hip vacation spot on one of their private isles, and they want your help mapping out the specifications. Having been recently inspired by the Egyptian pyramids, they're envisioning something rather triangular. Can you help them design their eccentric new hideaway?

To do this, print an n -level triangle in ASCII using backslashes and front slashes. Fred's parents will give you n , how big they want their hideaway to be. The specifications for the triangle are as follows:

- Each line of output denotes a level of the triangle
- For each level, there will be one backslash followed by a front slash (not necessarily immediately followed, though).
- At a given level x , where level 0 is the first/top level, there will be $2x$ spaces between the back and front slash.
- Spaces will be added before the backslashes to align the levels, as shown in the example outputs.

Filename: triangle.{java, cpp, c, cc, py}

Input: The input will contain 1 line
The first line is n , the number of levels of the triangle

Output: Output the ASCII triangle

Assumptions: $1 \leq n \leq 100$

Sample
Input #1: 3

Sample
Output #1:

```
  /\
 /\  \
/\    \
```

Sample
Input #2: 4

Sample
Output #2:

```
   /\
  /\  \
 /\    \
/\      \
```