1. The FizzBuzz problem is a classic test given in coding interviews. The task is simple: Print integers 1 to N, but print “Fizz” if an integer **is divisible** by 3, “Buzz” if an integer is divisible by 5, and “FizzBuzz” if an integer is divisible by both 3 and 5.

Sample input 5

Output

1

2

Fizz

4

Buzz

1. Get the factorial of a number

Sample input 5

Output 120

Input 3

Output 6

1. Pyramid with middle space

Input 5

Output

    \*  
   \* \*  
  \* \* \*  
 \* \* \* \*  
\* \* \* \* \*

1. Input a string and then output the reverse

Input; tanGela

Ouput; aleGnat

1. Determine whether a whole number or decimal number

34 – whole

3.43 –decimal

6) Input numbers and sort them to decreasing order

Input 3 4 5

Output 5 4 3

7) A leap year is exactly divisible by 4 except for century years (years ending with 00). The century year is a leap year only if it is perfectly divisible by 400.

For example,

* 1999 is not a leap year
* 2000 is a leap year
* 2004 is a leap year