

# FizzBuzz

According to Wikipedia, FizzBuzz is a group word game for children to teach them about division. This may or may not be true, but this question is generally used to ~~torture~~ screen young computer science graduates during programming interviews.



*Image by chris morgan cc by*

Basically, this is how it works: you print the integers from 1 to  $N$ , replacing any of them divisible by  $X$  with Fizz or, if they are divisible by  $Y$ , with Buzz. If the number is divisible by both  $X$  and  $Y$ , you print FizzBuzz instead.

Check the samples for further clarification.

## Input

Input contains a single test case. Each test case contains three integers on a single line,  $X$ ,  $Y$  and  $N$  ( $1 \leq X < Y \leq N \leq 100$ ).

## Output

Print integers from 1 to  $N$  in order, each on its own line, replacing the ones divisible by  $X$  with Fizz, the ones divisible by  $Y$  with Buzz and ones divisible by both  $X$  and  $Y$  with FizzBuzz.

### Sample Input 1

```
2 3 7
```

### Sample Output 1

```
1
Fizz
Buzz
Fizz
5
FizzBuzz
7
```

### Sample Input 2

### Sample Output 2

2 4 7



1

Fizz

3

FizzBuzz

5

Fizz

7



### Sample Input 3

3 5 7



### Sample Output 3

1

2

Fizz

4

Buzz

Fizz

7

