

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.

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 file will contain a single test case. Each test case will contain 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

```
2 4 7
```

Sample Output 2

```
1
Fizz
3
FizzBuzz
5
Fizz
7
```

Sample Input 3

```
3 5 7
```

Sample Output 3

```
1
2
Fizz
4
Buzz
Fizz
7
```

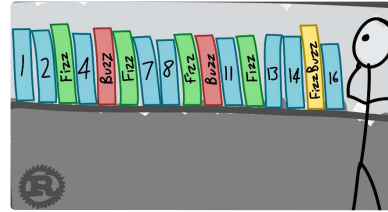


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Problem ID: fizzbuzz
CPU Time limit: 1 second
Memory limit: 1024 MB
Difficulty: 1.2

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