FizzBuzz

🕐 Recommended Time: 10 mins   🏆 Points: 50   ✓ 8 test cases (3 samples)

Skills: Problem Solving (Basic) ⓘ

Coding   🏷️   **EASY**   Loops   Problem Solving

Given a number *n*, for each integer *i* in the range from *1* to *n* inclusive, print one value per line as follows:

- If *i* is a multiple of both *3* and *5*, print *FizzBuzz*.
- If *i* is a multiple of *3* (but not *5*), print *Fizz*.
- If *i* is a multiple of *5* (but not *3*), print *Buzz*.
- If *i* is not a multiple of *3* or *5*, print the value of *i*.

Function Description

Complete the function *fizzBuzz* in the editor below.

fizzBuzz has the following parameter(s):

  int n: upper limit of values to test (inclusive)

Returns: NONE

Prints:

  The function must print the appropriate response for each value *i* in the set *{1, 2, ... n}* in ascending order, each on a separate line.

Constraints

- $0 < n < 2 \times 10^5$

▼ **Sample Case 0**

Sample Input

```
STDIN      Function
-----      --------
15      →  n = 15
```

Sample Output

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

Explanation

The numbers 3, 6, 9, and 12 are multiples of 3 (but not 5), so print *Fizz* on those lines.

The numbers 5 and 10 are multiples of 5 (but not 3), so print *Buzz* on those lines.

The number 15 is a multiple of both 3 and 5, so print *FizzBuzz* on that line.

None of the other values is a multiple of either 3 or 5, so print the value of *i* on those lines.