Generalized FizzBuzz

Problem ID: generalizedfizzbuzz

Time limit: 1 second

FizzBuzz is a common coding interview problem. The problem is as follows:
Given a positive integer n, for all integers i from 1 to n, inclusive:

- *If i is divisible by both 3 and 5, print "FizzBuzz".*
- *Otherwise, if i is divisible by 3, print "Fizz".*
- *Otherwise, if i is divisible by 5, print "Buzz".*
- *Otherwise, print i.*

We are interested in a generalized version of FizzBuzz:
Given three positive integers n, a, and b, for all integers i from 1 to n, inclusive:

- *If i is divisible by both a and b, print "FizzBuzz".*
- *Otherwise, if i is divisible by a, print "Fizz".*
- *Otherwise, if i is divisible by b, print "Buzz".*
- *Otherwise, print i.*

Given n, a and b, how many times are "Fizz", "Buzz", and "FizzBuzz" printed for a correct implementation?

Input

The first and only line of input contains three positive integers n, a and b ($1 \leq n, a, b \leq 10^6$.)

Output

Output three integers: the number of times "Fizz" is printed, the number of times "Buzz" is printed, and the number of times "FizzBuzz" is printed.

Sample Input 1	Sample Output 1
17 3 5	4 2 1

Sample Input 2	Sample Output 2
10 3 3	0 0 3