FizzBuzz

Start with a blank solution for this project.

Fizzbuzz has a history in software development as a weed out exercises for entry level software developers. Legend has it that many developer applicants would attempt to trick their way through interviews by memorizing terminology such that they could "talk the talk" but when it came to actually completing even low complexity programming tasks they would fail. The fizzbuzz application was intended to weed these applicants out of the interview process.

To complete the fizzbuzz challenge, write a program that prints the numbers from 1 to 100. For multiples of 3 print the word "fizz" instead of the number and for multiples of 5 print "buzz" instead of the number. For multiples of 3 and 5 print "fizzbuzz" instead of the number.

The output should look like this:

```
1
2
fizz
4
buzz
fizz
7
8
fizz
buzz
11
fizz
13
14
fizzbuzz
// etc...
```

Something to Ponder

If the mod operator didn't exist, could you solve this exercise?