

Coding Challenge

Task

Write an angular application which iterates over all numbers from one to 100. If the number is divisible by 3 print Fizz instead of the number, if the number is divisible by 5 print Buzz, if the number is divisible by 3 and 5 print FizzBuzz.

The outputs should be spaced 500ms apart and every second output should have a light gray background. Each of the outputs may only be rendered once.

A form with an input field is to be created. If the valid value stop has been entered in the input field, a button labelled Stop should be activated and the output stopped when it is pressed.

Additions

There should be a service which determines the representation of the current number and emits the values. Write some Unit-Tests for the service and some Component-Tests to prove correctness of the application.

The task shouldn't take longer than 3 hours. Please provide us with a [GitHub](#), [GitLab](#) or [Bitbucket](#) repository link after you finish.

Example-Output

1
2
Fizz
4
Buzz
Fizz
7
8
Fizz

Buzz

11

Fizz

13

14 FizzBuzz 16

17

Fizz

19

Buzz

... until 100