



# The TDD cycle in action



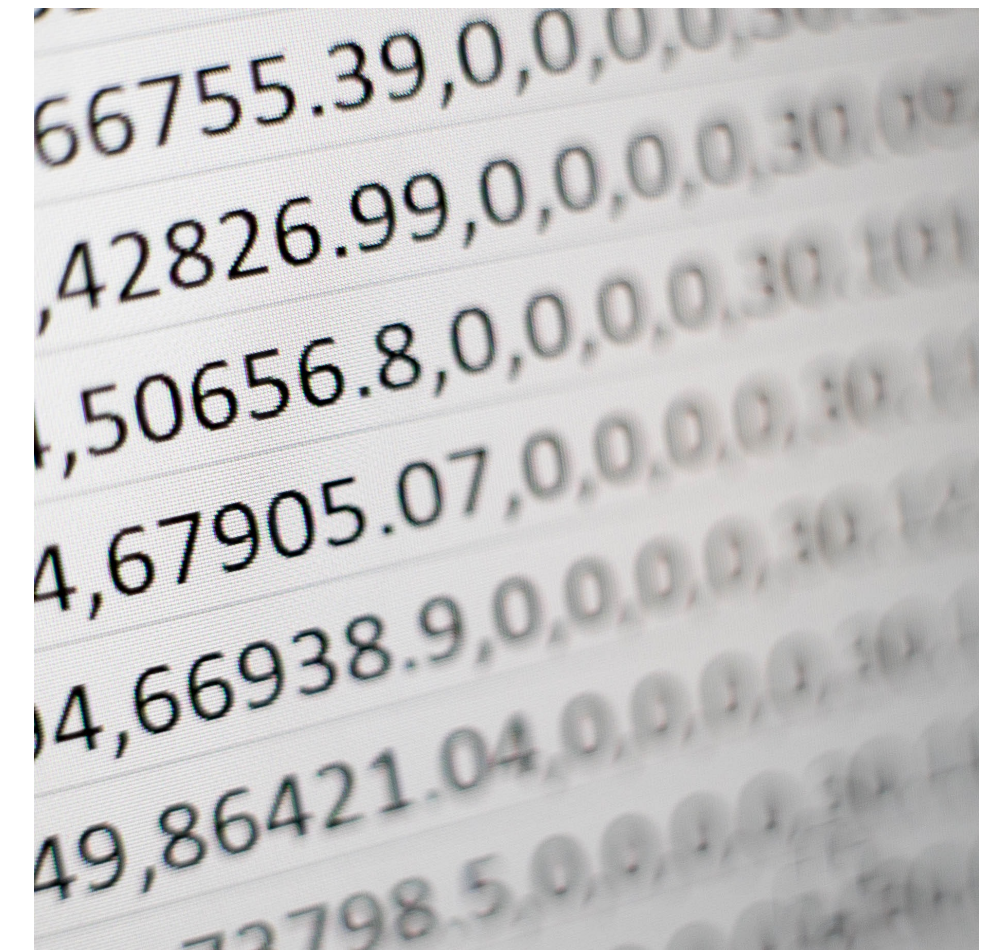
Dario Campagna

# FizzBuzz assignment

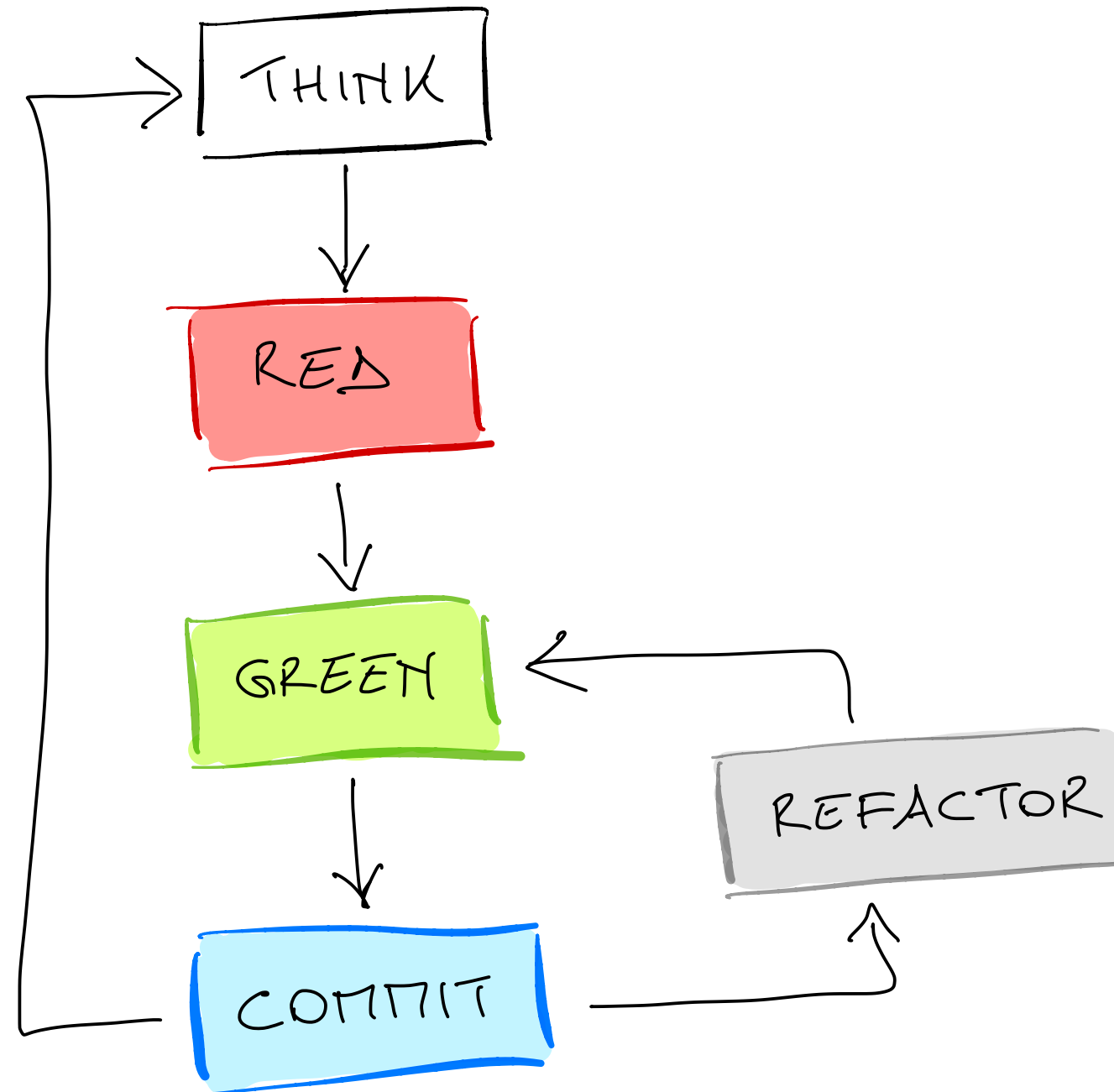
Write a program that prints the numbers from 1 to 100 to the "standard" output stream and follows these rules.

- For multiples of 3 it prints **Fizz** instead of the number.
- For multiples of 5 it prints **Buzz** instead of the number.
- For numbers which are multiples of both 3 and 5 it prints **FizzBuzz**.

<https://github.com/dario-campagna/FizzBuzz-assignment>



# Extended TDD cycle



# Example list

## FizzBuzz

1-100 → "1, 2, Fizz, 4, Buzz, ..." → How to test print on Standard Output?

3 → "Fizz"

6 → "Fizz"

24 → "Fizz"

5 → "Buzz"

10 → "Buzz"

100 → "Buzz"

15 → "FizzBuzz"

45 → "FizzBuzz"

75 → "FizzBuzz"

1 → "1"

2 → "2"

41 → "41"

# References



## Fundamentals of High-Discipline TDD

J. B. Rainsberger

<https://online-training.jbrains.ca/courses/wbitdd-01/lectures/133270>

## Introduction to TDD

James Shore

[https://www.letscodejavascript.com/v3/episodes/tdd\\_intro](https://www.letscodejavascript.com/v3/episodes/tdd_intro)



Go test drive your code!

[esteco.com](http://esteco.com)

