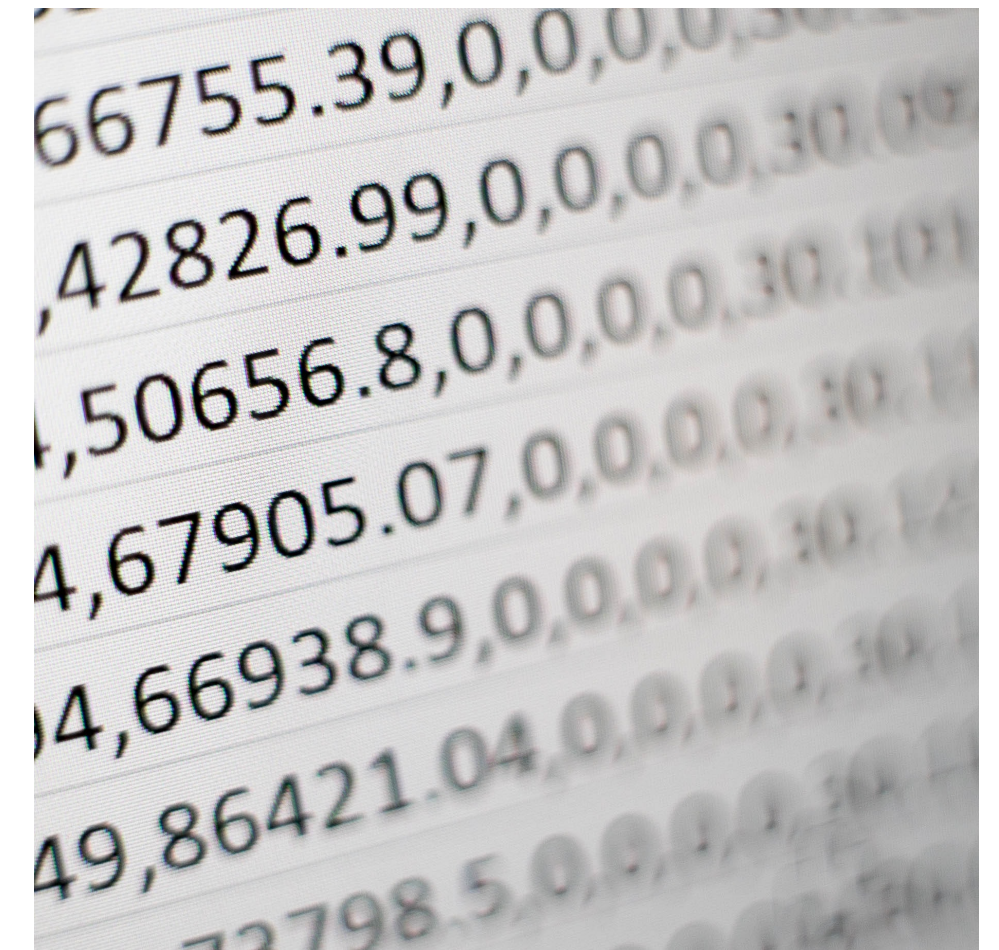# The TDD cycle in action

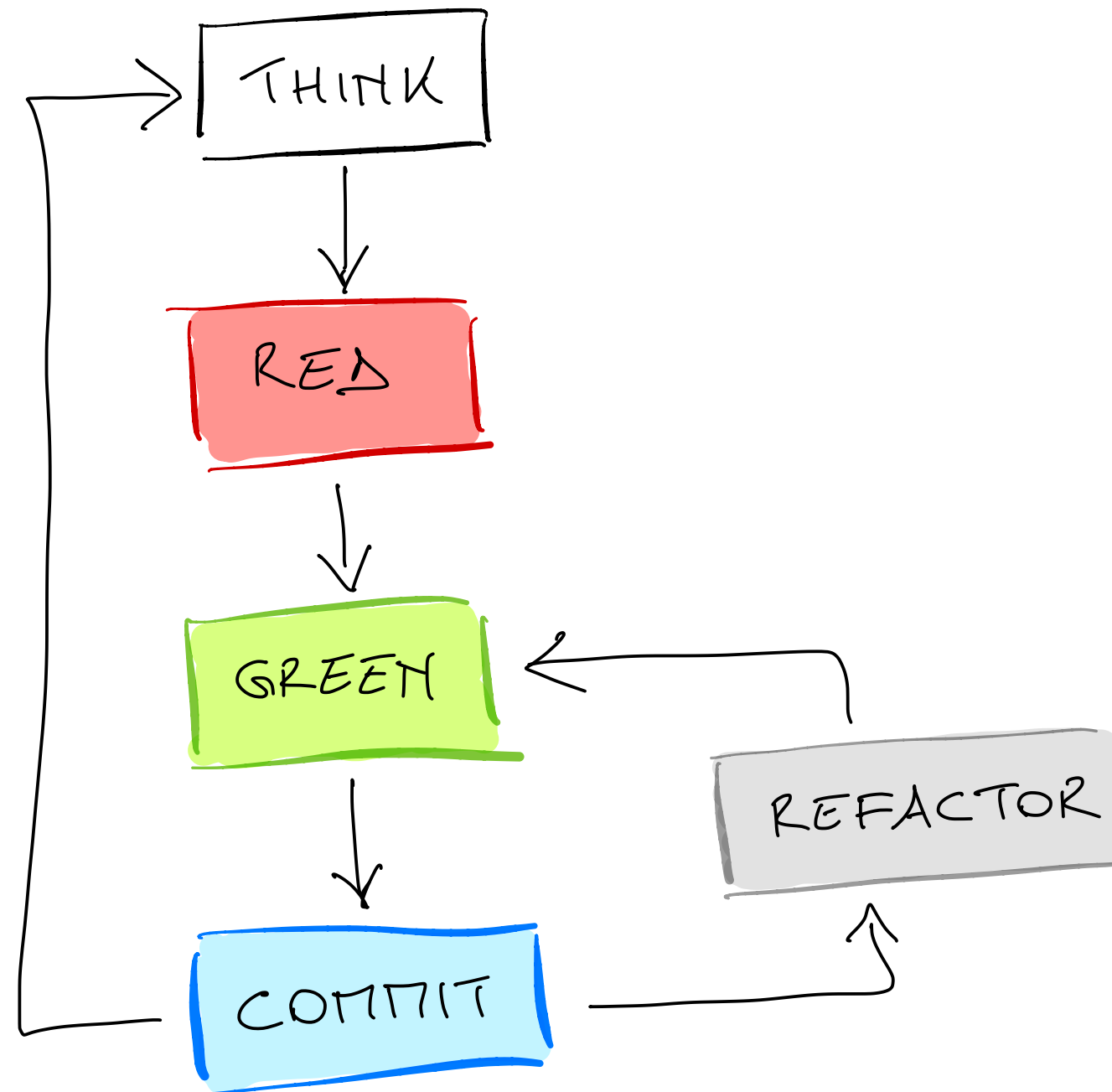Dario Campagna

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

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Introduction to TDD

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https://www.letscodejavascript.com/v3/episodes/tdd_intro

Go test drive your code!

esteco.com