После настройки окружения, запуск заглушек

```
kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                                                 kpuk@kpuk-pad:~/dev/skybonds/1
npm run dev
found 0 vulnerabilities
kpuk@kpuk-pad ~/dev/skybonds/1$ npx ts-jest config:init
                                                                                                                                         master
Jest configuration written to "/home/kpuk/dev/skybonds/1/jest.config.js".
kpuk@kpuk-pad ~/dev/skybonds/1$ ls
                                                                                                                                         master
index.ts jest.config.js node_modules package.json package-lock.json README.md test.ts
kpuk@kpuk-pad ~/dev/skybonds/1$ npm run test
                                                                                                                                         master
> 1@1.0.0 test /home/kpuk/dev/skybonds/1
> jest
       ./test.ts

    Test suite failed to run

    test.ts:6:38 - error TS2554: Expected 0 arguments, but got 1.
               const fractions = percentage(sample);
Test Suites: 1 failed, 1 total
Tests:
             0 total
Snapshots:
             0 total
Time:
             1.879 s
Ran all test suites.
         code ELIFECYCLE
         errno 1
         1@1.0.0 test: `jest`
         Exit status 1
         Failed at the 1@1.0.0 test script.
         This is probably not a problem with npm. There is likely additional logging output above.
         A complete log of this run can be found in:
              /home/kpuk/.npm/_logs/2021-03-14T08_55_17_154Z-debug.log
kpuk@kpuk-pad ~/dev/skybonds/1$
                                                                                                                                    1 ← master
1 2 4
                                                                no IPv6 | W: ( 74% at DIR-300NRU) 192.168.0.96 | CHR 88.93% 01:58 | 1.08 | 10.4 GiB | 4.4 GiB | 2021-03-14 11:55:35
```

Не верь зеленым тестам! тесты должны падать, или их нужно ронять

```
node --inspect-brk ./node_modules/.bin/jest --runInBand --conf
kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                  kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
FAIL src/index.test.ts
 Percentage calculation
    x should calculate fractions on correct data (4 ms)

✓ should return error on nan in data

✓ should return error on negative in data
    x should return error on zero sum (3 ms)
              kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                 kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                                                                    kpuk@kpuk-pad:~/dev/skybonds/1
 Percentage
                     at Object.<anonymous> (src/index.test.ts:13:34)
    expect(re

    Percentage calculation > should return error on negative in data

    Expected:
                  expect(received).toBe(expected) // Object.is equality
    Received:
                  Expected: "There are negative elements"
                  Received: "Not all elements are numbers"
                                    kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                                      kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                                                                                         node --inspect-brk ./node
                     31
                                      Percentage calculation
                     32
                                        x should calculate fractions on correct data (2547 ms)
                  > 33

✓ should return error on nan in data (2 ms)
                                        ✓ should return error on negative in data (1275 ms)
                     34
                                        ✓ should return error on zero sum (1870 ms)
                     35
      at Obje
                               it('
                     36

    Percentage calculation > should calculate fractions on correct data

 Percentage
                                                        kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                                                                                                          kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc
                     at Object.<and
                                                          Percentage calculation
                                        expect(receive
    expect(re
                                                            x should calculate fractions on correct data (6 ms)

    Percentage calc

✓ should return error on nan in data

    Expected

    Expected:
                                                            ✓ should return error on negative in data (4 ms)
                                        + Received +
                  expect(received
    Received:
                                                            ✓ should return error on zero sum (1 ms)
                  Expected: "Zero
                                          Array [
      33

    Percentage calculation > should calculate fractions on correct data

                                             "12.500",
                  Received: "Not
      34
                                             "25.000",
    > 35
                                                            expect(received).toBe(expected) // Object.is equality
                                             "50.000",
                     39
                                             "12.500",
                     40
      36
                                                            If it should pass with deep equality, replace "toBe" with "toStrictEqual"
                                             "0.125",
                  > 41
1 2 3 4 6
                                             "0.250",
                                                            Expected: ["12.500", "25.000", "50.000", "12.500"]
                                             "0.500",
                               });
                     42
                                                            Received: serializes to the same string
                                             "0.125",
                     43
                         });
                     44
                                                              13
                                                                             expect(fractions.result).toBe(Result.Success);
                                                                             const definitelyFractions = fractions as Fractions;
                                                              14
                     at Object.<and
                                                                             expect(definitelyFractions.fractions).toBe([
                                                            > 15
              1 2 4
                                           9
                                                                                 '12.500', '25.000', '50.000', '12.500',
                                                              16
                                                              17
                                                                             ]);
                                          10
                                                              18
                                                                        });
                                          11
                                          12
                                                    });
                                                              at Object.<anonymous> (src/index.test.ts:15:47)
                                          at Object.<a href="Test Suites: 1 failed">Test Suites: 1 failed</a>, 1 total
                                    Test Suites: 1 fai Tests:
                                                                      1 failed, 3 passed, 4 total
                                                  1 fai Snapshots: 0 total Time: 1.962 s, esti
                                    Tests:
                                                                      1.962 s, estimated 2 s
                                    1 2 3 4 6
                                                        Ran all test suites.
                                                                  code ELIFECYCLE
                                                                 errno 1
                                                                  1@1.0.0 test: `jest`
                                                                  Exit status 1
```

Финальный прогон с подсчетом покрытия

| | | frontend/service | | | k-pad:~/arc/arcadia/frontend/services/abc overage=true | kpuk@kpuk-pad:~/dev/skybonds/1 | master |
|--|---------------|------------------|---------------|---------------|---|--|---------------------|
| > 1@1.0.0 test /home/kpuk/dev/skybonds/1 > jest "coverage=true" | | | | | | | |
| PASS src/index.test.ts Percentage calculation ✓ should calculate fractions on correct data (3 ms) ✓ should return error on nan in data (1 ms) ✓ should return error on negative in data ✓ should return error on zero sum | | | | | | | |
| File | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s | | |
| All files index.ts | 1 | 100 | 100 | 100 | | | |
| Test Suites: 1 passed, 1 total Tests: 4 passed, 4 total Snapshots: 0 total Time: 0.578 s, estimated 2 s Ran all test suites. kpuk@kpuk-pad ~/dev/skybonds/1\$ ■ | | | | | | | master |
| | | | | | | | |
| 1 2 4 | | | | | no IPv6 W: (75% at DIR-300 | ONRU) 192.168.0.96 UNK 88.16% 1.52 7.6 GiB 5.6 GiB | 2021-03-14 16:54:25 |