

# После настройки окружения, запуск заглушек

```
npm run dev
kpkuk@kpkuk-pad:~/arc/arcadia/frontend/services/abc
kpkuk@kpkuk-pad:~/dev/skybonds/1
found 0 vulnerabilities

kpkuk@kpkuk-pad ~/dev/skybonds/1$ npx ts-jest config:init
Jest configuration written to "/home/kpuk/dev/skybonds/1/jest.config.js".
kpkuk@kpkuk-pad ~/dev/skybonds/1$ ls
index.ts  jest.config.js  node_modules  package.json  package-lock.json  README.md  test.ts
kpkuk@kpkuk-pad ~/dev/skybonds/1$ npm run test
> 1@1.0.0 test /home/kpuk/dev/skybonds/1
> jest

FAIL ./test.ts
  ● Test suite failed to run

    test.ts:6:38 - error TS2554: Expected 0 arguments, but got 1.

    6      const fractions = percentage(sample);
                                   ~~~~~~

Test Suites: 1 failed, 1 total
Tests: 0 total
Snapshots: 0 total
Time: 1.879 s
Ran all test suites.
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! 1@1.0.0 test: `jest`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the 1@1.0.0 test script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.

npm ERR! A complete log of this run can be found in:
npm ERR! /home/kpuk/.npm/_logs/2021-03-14T08_55_17_154Z-debug.log
kpkuk@kpkuk-pad ~/dev/skybonds/1$
```

Статическая типизация кода ❤️



# Не верь зеленым тестам!

## тесты должны падать, или их нужно ронять

FAIL src/index.test.ts

Percentage calculation

✗ should calculate fractions on correct data (4 ms)

✓ should return error on nan in data

✓ should return error on negative in data

✗ should return error on zero sum (3 ms)

● Percentage calculation › should return error on negative in data

expect(received).toBe(expected) // Object.is equality

Expected: "There are negative elements"

Received: "Not all elements are numbers"

● Percentage calculation › should calculate fractions on correct data

expect(received).toBe(expected) // Object.is equality

Expected: ["12.500", "25.000", "50.000", "12.500"]

Received: serializes to the same string

1 2 3 4 6

5 |  
6 |  
> 7 |  
8 |  
9 |  
10 |

at Object.<anonymous> (src/index.test.ts:13:34)

1 2 4

33 |  
34 |  
> 35 |  
36 |

at Object.<anonymous> (src/index.test.ts:15:47)

Percentage calculation

✗ should calculate fractions on correct data (2547 ms)

✓ should return error on nan in data (2 ms)

✓ should return error on negative in data (1275 ms)

✓ should return error on zero sum (1870 ms)

● Percentage calculation › should calculate fractions on correct data

expect(received).toBe(expected) // Object.is equality

Expected: ["12.500", "25.000", "50.000", "12.500"]

Received: serializes to the same string

Test Suites: 1 failed, 1 total

Tests: 1 failed, 3 passed, 4 total

Snapshots: 0 total

Time: 1.962 s, estimated 2 s

Ran all test suites.

npm ERR! code ELIFECYCLE

npm ERR! errno 1

npm ERR! 1@1.0.0 test: `jest`

npm ERR! Exit status 1

npm ERR!

Percentage calculation

✗ should calculate fractions on correct data (6 ms)

✓ should return error on nan in data

✓ should return error on negative in data (4 ms)

✓ should return error on zero sum (1 ms)

● Percentage calculation › should calculate fractions on correct data

expect(received).toBe(expected) // Object.is equality

Expected: ["12.500", "25.000", "50.000", "12.500"]

Received: serializes to the same string

Test Suites: 1 failed, 1 total

Tests: 1 failed, 3 passed, 4 total

Snapshots: 0 total

Time: 1.962 s, estimated 2 s

Ran all test suites.

npm ERR! code ELIFECYCLE

npm ERR! errno 1

npm ERR! 1@1.0.0 test: `jest`

npm ERR! Exit status 1

npm ERR!

node --inspect-brk ./node\_modules/.bin/jest --runInBand --conf...

node --inspect-brk ./node\_modules/.bin/jest --runInBand --conf...

node --inspect-brk ./node\_modules/.bin/jest --runInBand --conf...



# Финальный прогон с подсчетом покрытия

kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc

kpuk@kpuk-pad:~/arc/arcadia/frontend/services/abc

kpuk@kpuk-pad:~/dev/skybonds/1

master

```
kpuk@kpuk-pad ~/dev/skybonds/1$ npm run test -- --coverage=true

> 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 |    100 |    100   |    100   |    100   |
index.ts  |    100 |    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$ █
```

1

2

4

no IPv6 | W: ( 75% at DIR-300NRU) 192.168.0.96 | UNK 88.16% | 1.52 | 7.6 GiB | 5.6 GiB | 2021-03-14 16:54:25