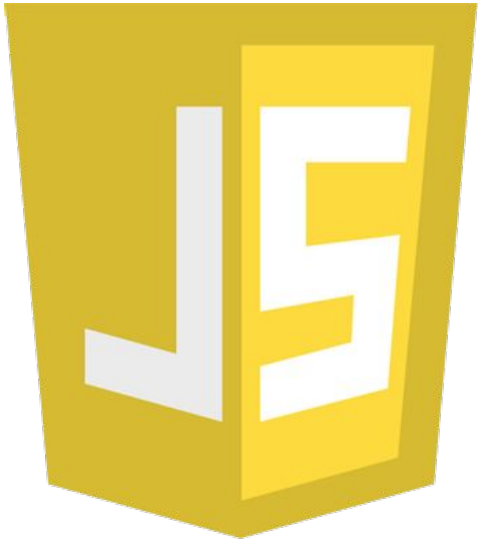


05. JavaScript Unit Test

Niezbędnik instalacyjny

System operacyjny

1. Zainstaluj **NodeJS** & **npm**
2. Sprawdź czy **node** oraz **npm** są dostępne z poziomu terminala (powinna zostać wyświetlona informacja o ich wersji)

node -v
npm -v

IDEA InteliiJ / Webstorm WERSJA Ultimate

1. Pracujemy na wersji **Ultimate**, nie na Community!
2. Po otwarciu projektu, w terminalu (z poziomu folderu naszego projektu) wykonujemy polecenie **npm install,** które pobierze biblioteki wylistowane w pliku **package.json** i umieści je w folderze **node_modules**
3. Jeżeli plugin **Karma** jest niezainstalowany - należy to zrobić poprzez File -> Settings -> Plugins -> Install JetBrains plugins.. -> Wpisać: **Karma** po instalacji niezbędny jest restart środowiska.

Domyślnie pracujemy na systemie **Linux**.
Można korzystać z Windowsa na swoją odpowiedzialność.

BeforeEach BeforeAll

AfterEach AfterAll

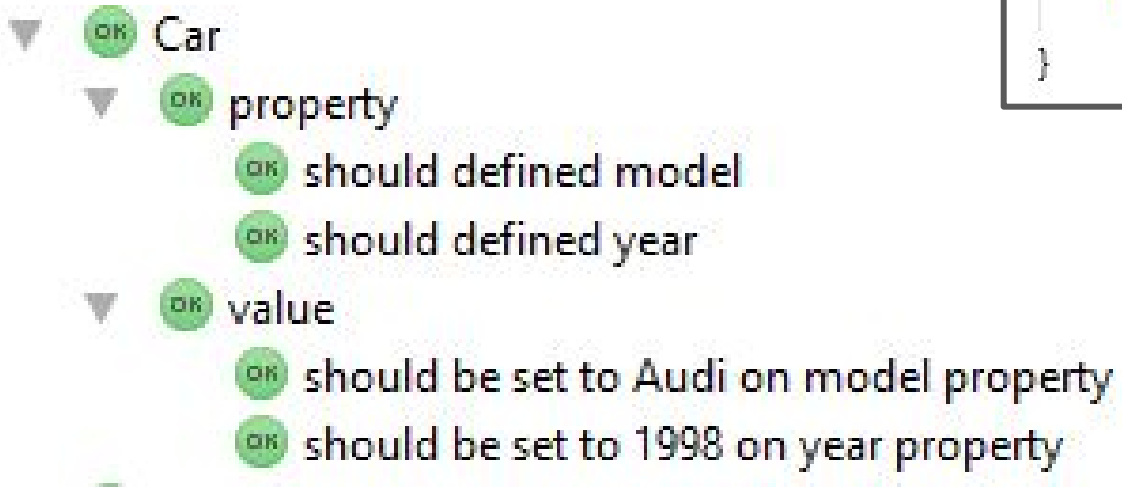
beforeEach

```
Car: function (model, year) {
    this.model = model;
    this.year = year;
}
```

```
describe('Car', function () {
    describe('property', function () {
        car = new answer.Car('Audi', 1998);

        it('should defined model', function () {
            expect(car.model).toBeDefined();
        });
        it('should defined year', function () {
            expect(car.year).toBeDefined();
        });
    });

    describe('value', function () {
        car = new answer.Car('Audi', 1998);

        it('should be set to Audi on model property', function () {
            expect(car.model).toBe('Audi');
        });
        it('should be set to 1998 on year property', function () {
            expect(car.year).toBe(1998);
        });
    });
});
```

beforeEach

```
Car: function (model, year) {
    this.model = model;
    this.year = year;
}
```

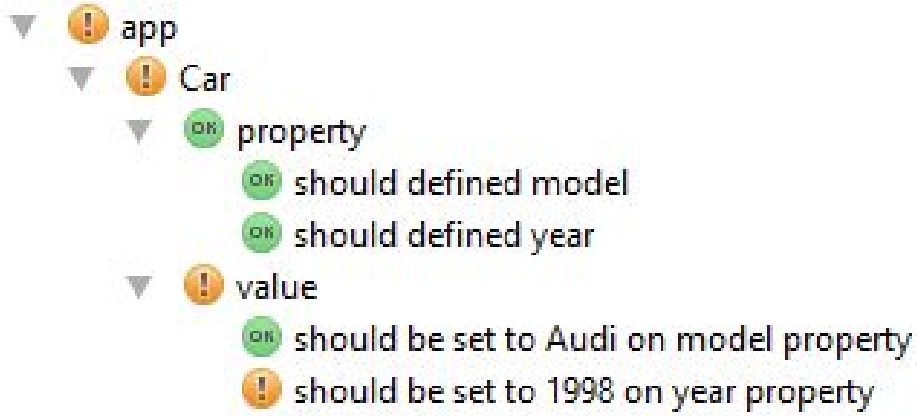



```
Car
  property
    ✓ should defined model
    ✓ should defined year
  value
    ✓ should be set to Audi on model property
    ✓ should be set to 1998 on year property
```

beforeEach

```
Car: function (model, year) {
    this.model = model;
    this.year = year;
}
```

```
describe('value', function () {
    car = new answer.Car('Audi', 1998);

    it('should be set to Audi on model property', function () {
        expect(car.model).toBe('Audi');
    });

    car = new answer.Car('Audi', 2000);

    it('should be set to 1998 on year property', function () {
        expect(car.year).toBe(1998);
    });
});
```




```
Expected 2000 to be 1998.
```

beforeEach

```
var car;
describe('Car', function () {
    beforeEach(function () {
        car = new answer.Car('Audi', 1998);
    });
    describe('property', function () {
        it('should defined model', function ()
            expect(car.model).toBeDefined();
        });
        it('should defined year', function () {
            expect(car.year).toBeDefined();
        });
    });
    describe('value', function () {
        it('should be set to Audi on model property', function () {
            expect(car.model).toBe('Audi');
        });
        it('should be set to 1998 on year property', function () {
            expect(car.year).toBe(1998);
        });
    });
});
```

```
Car: function (model, year) {
    this.model = model;
    this.year = year;
}
```

- Car
  - property
    - should defined model
    - should defined year
  - value
    - should be set to Audi on model property
    - should be set to 1998 on year property

beforeEach

```
Car: function (model, year) {
    this.model = model;
    this.year = year;
}
```

```
describe('value', function () {
    it('should be set to Audi on model property', function () {
        expect(car.model).toBe('Audi');
    });
    car = new answer.Car('Audi', 2000);

    it('should be set to 1998 on year property', function () {
        expect(car.year).toBe(1998);
    });
});
```

- Car
  - property
    - should defined model
    - should defined year
  - value
    - should be set to Audi on model property
    - should be set to 1998 on year property

afterEach

```
CarPortal: function () {
    this.credentials = {};
    this.login = function (username, password) {
        this.credentials.username = username;
        this.credentials.password = password;
    };
}
```

```
var carPortal;
describe('CarPortal', function () {
    carPortal = new answer.CarPortal();

    it('should set username to john and password to 12345 when login is call', function () {
        carPortal.login('john', '12345');
        expect(carPortal.credentials).toEqual({username: 'john', password: '12345'});
    });

    it('should set username to maria and password to qwerty when login is call', function () {
        carPortal.login('maria', 'qwerty');
        expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
    });
});
```

afterEach

```
CarPortal: function () {
    this.credentials = {};
    this.login = function (username, password) {
        this.credentials.username = username;
        this.credentials.password = password;
    };
}
```

```
var carPortal;
describe('CarPortal', function () {
    carPortal = new answer.CarPortal();

    it('should set username to john and password to 12345 when login is call', function () {
        carPortal.login('john', '12345');
        expect(carPortal.credentials).toEqual({username: 'john', password: '12345'});
    });

    it('should set username to maria and password to qwerty when login is call', function () {
        console.log(carPortal.credentials);
        carPortal.login('maria', 'qwerty');
        expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
    });
});
```

```
Object{username: 'john', password: '12345'}
```

afterEach

```
CarPortal: function () {
    this.credentials = {};
    this.login = function (username, password) {
        this.credentials.username = username;
        this.credentials.password = password;
    };
    this.logout = function () {
        this.credentials = {};
    };
}
```

```
var carPortal;
describe('CarPortal', function () {
    carPortal = new answer.CarPortal();
    afterEach(function () {
        carPortal.logout();
    });
    it('should set username to john and password to 12345 when login is call', function () {
        carPortal.login('john', '12345');
        expect(carPortal.credentials).toEqual({username: 'john', password: '12345'});
    });

    it('should set username to maria and password to qwerty when login is call', function () {
        console.log(carPortal.credentials);
        carPortal.login('maria', 'qwerty');
        expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
    });
});
```

```
Object{}
```

afterEach

```
CarPortal: function () {
    this.credentials = {};
    this.login = function (username, password) {
        this.credentials.username = username;
        this.credentials.password = password;
    };
    this.logout = function () {
        this.credentials = {};
    };
}
```

```
var carPortal;
describe('CarPortal', function () {
    carPortal = new answer.CarPortal();
    afterEach(function () {
        carPortal.logout();
    });
    it('should set username to john and password to 12345 when login is call', function () {
        carPortal.login('john', '12345');
        expect(carPortal.credentials).toEqual({username: 'john', password: '12345'});
    });
    it('should clean credentials after each it', function () {
        expect(carPortal.credentials).toEqual({});
    });
    it('should set username to maria and password to qwerty when login is call', function () {
        carPortal.login('maria', 'qwerty');
        expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
    });
    it('should clean credentials after each it', function () {
        expect(carPortal.credentials).toEqual({});
    });
});
```

beforeAll, afterAll

```
describe("A spec using beforeAll and afterAll", function() {
  var foo;
  beforeAll(function() { foo = 1; });
  afterAll(function() {  foo = 0; });
  it("sets the initial value of foo before specs run", function(){
    expect(foo).toEqual(1);
    foo += 1;
  });
  it("does not reset foo between specs", function(){
    expect(foo).toEqual(2);
  });
});
```

SPY

Spy

```
spyOn('nazwa obiektu w której
znajduje się funkcja',
'nazwa funkcji');
```

```
w app.js
window.app = {
divide = function(){...}
}

w app.spec.js
var app = window.app;

spyOn('app',divide)
```

Spy

`toHaveBeenCalled()`

od v 2.0

`and.callThrough()`

`and.return()`

`and.callFake()`

`calls.count()`

poniżej v 2.0

`andCallThrough()`

`andReturn()`

`andCallFake()`

`calls.length`

Jak sprawdzić lokalną wersję Jasmine?

npm list jasmine

assignToSwimmingCourse - funkcja zapisująca na kurs pływania zależnie od wieku

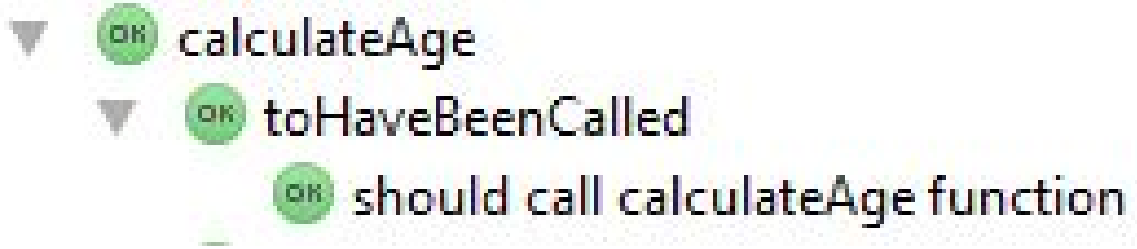
```
assignToSwimmingCourse: function (name, birthDate) {
    var course;
    var age = this.calculateAge(birthDate);

    if (age >= 3 && age <= 12) {
        course = {name: name, age: age, course: 'kids'};
    }
    else if (age > 12 && age < 18) {
        course = {name: name, age: age, course: 'teens'};
    }
    else if (age >= 18) {
        course = {name: name, age: age, course: 'adults'}
    }
    else {
        throw new TypeError('Wrong data or too young!');
    }
    return course;
```

assignToSwimmingCourse korzysta z funkcji **calculateAge**

```
calculateAge: function (dateString) {
    var today = new Date();
    var birthDate = new Date(dateString);
    var age = today.getFullYear() - birthDate.getFullYear();
    var m = today.getMonth() - birthDate.getMonth();
    if (m < 0 || (m === 0 && today.getDate() < birthDate.getDate())) {
        age--;
    }
    return age;
```

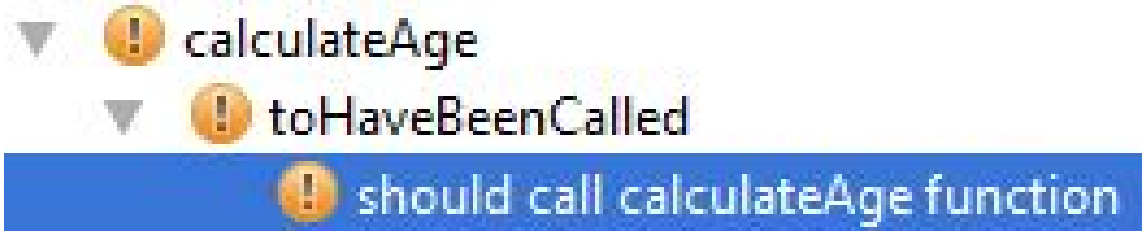
toHaveBeenCalled()

```
describe('toHaveBeenCalled', function () {
    beforeAll(function () {
        spyOn(app, 'calculateAge');
        app.calculateAge('10/10/1991');
    });
    it('should call calculateAge function', function () {
        expect(app.calculateAge).toHaveBeenCalled();
        expect(app.calculateAge).toHaveBeenCalledWith('10/10/1991');
    });
});
```



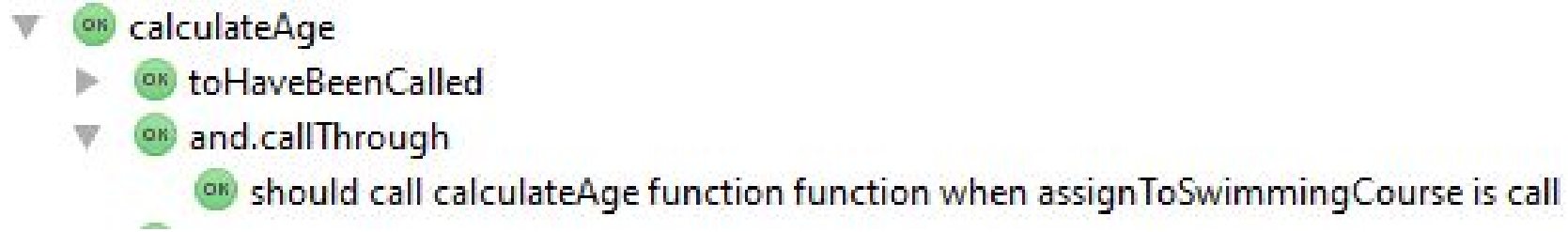
toHaveBeenCalled()

```
describe('toHaveBeenCalled', function () {
    beforeAll(function () {
        spyOn(app, 'calculateAge');
        app.assignToSwimmingCourse('Jack', '10/10/1991');

    });
    it('should call calculateAge function', function () {
        expect(app.calculateAge).toHaveBeenCalled();
        expect(app.calculateAge).toHaveBeenCalledWith('10/10/1991');
    });
});
```



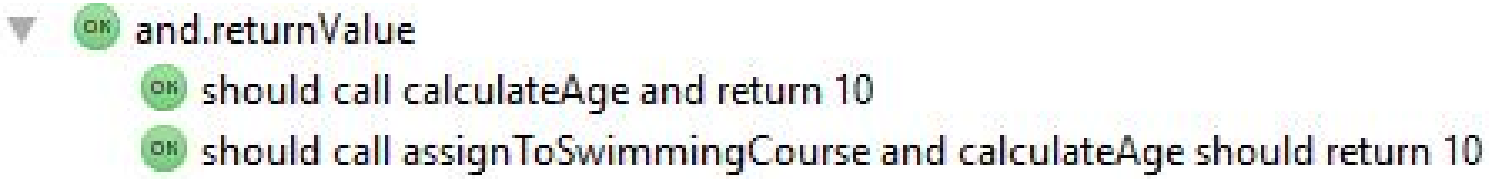
and.callThrough()

```
describe('and.callThrough', function () {
    beforeAll(function () {
        spyOn(app, 'calculateAge').and.callThrough();
        app.assignToSwimmingCourse('Maria', '11/10/1997');
    });
    it('should call calculateAge function function ' +
        'when assignToSwimmingCourse is call', function () {
        expect(app.calculateAge).toHaveBeenCalled();
        expect(app.calculateAge).toHaveBeenCalledWith('11/10/1997');
    });
});
```



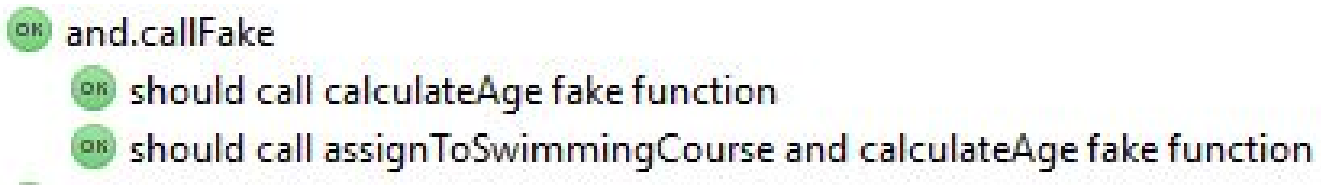
and.returnValue()

```
describe('and.returnValue', function () {
    var age;
    beforeAll(function () {
        spyOn(app, 'calculateAge').and.returnValue(10);
    });
    it('should call calculateAge and return 10', function () {
        age = app.calculateAge('11/10/2000');
        expect(age).toBe(10);
    });
    it('should call assignToSwimmingCourse and calculateAge should return 10', function () {
        age = app.assignToSwimmingCourse('Maria', '11/10/1980');
        expect(age).toEqual({name: 'Maria', age: 10, course: 'kids'});
    });
});
```



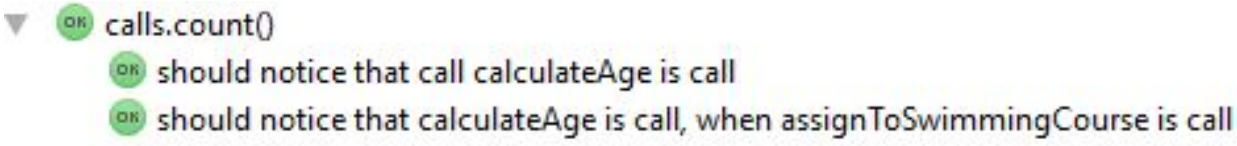
and.callFake()

```
describe('and.callFake', function () {
    var age;
    beforeAll(function () {
        spyOn(app, 'calculateAge').and.callFake(function (dateString) {
            var today = new Date('03/23/2000');
            var birthDate = new Date(dateString);
            var age = today.getFullYear() - birthDate.getFullYear();
            var m = today.getMonth() - birthDate.getMonth();
            if (m < 0 || (m === 0 && today.getDate() < birthDate.getDate())) {
                age--;
            }
            return age;
        });
    });
    it('should call calculateAge fake function', function () {
        age = app.calculateAge('11/10/1999');
        expect(age).toBe(0);
    });
    it('should call assignToSwimmingCourse and calculateAge fake function', function () {
        age = app.assignToSwimmingCourse('Maria', '11/10/1980');
        expect(age).toEqual({name: 'Maria', age: 19, course: 'adults'});
    });
});
```



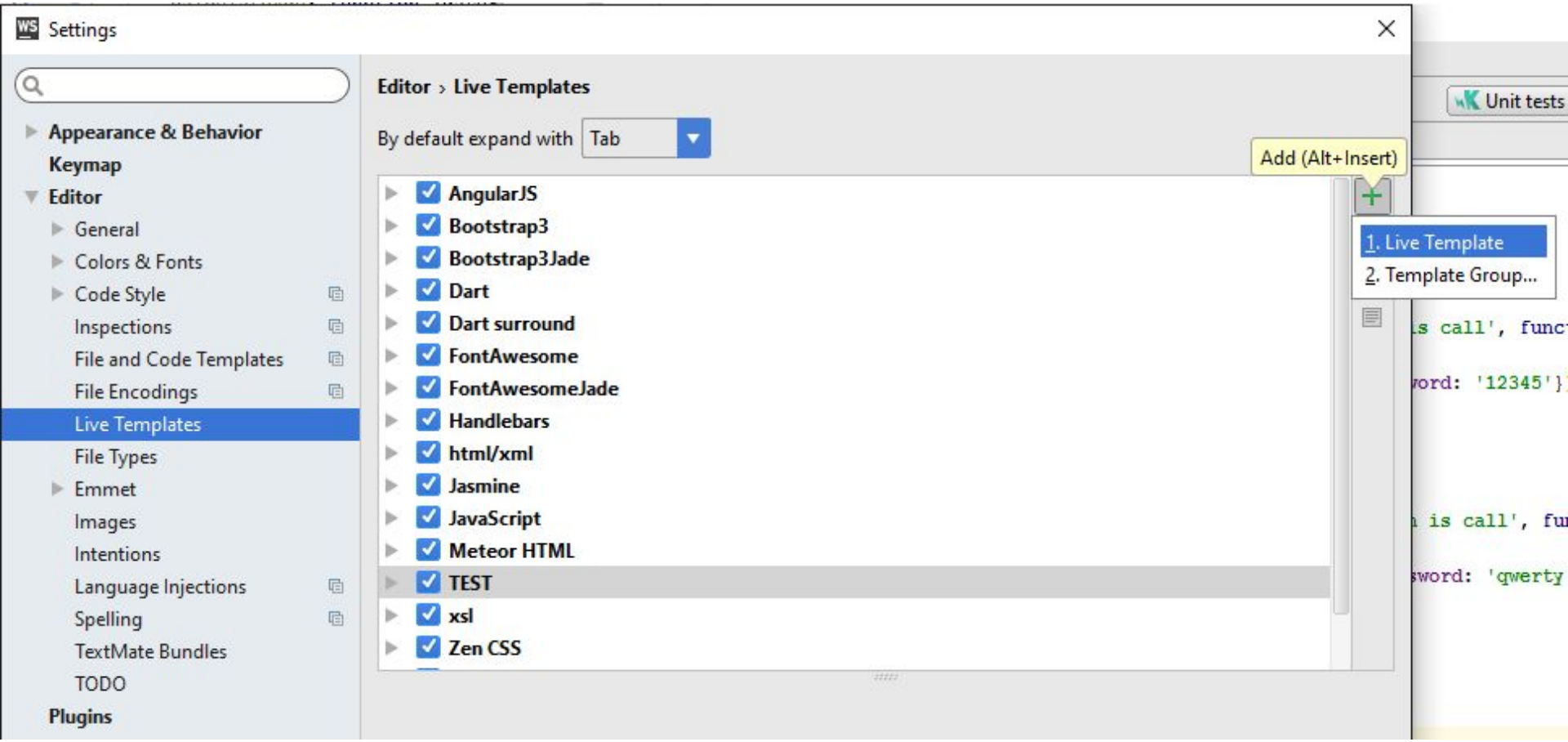
calls.count()

```
describe('calls.count()', function () {
    var age;
    beforeAll(function () {
        spyOn(app, 'calculateAge').and.callThrough();
    });
    it('should notice that call calculateAge is call', function () {
        age = app.calculateAge('11/10/1999');
        expect(app.calculateAge.calls.count()).toBe(1);
    });
    it('should notice that calculateAge is call, ' +
        'when assignToSwimmingCourse is call ', function () {
        age = app.assignToSwimmingCourse('Maria', '11/10/1980');
        expect(app.calculateAge.calls.count()).toEqual(2);
    });
});
```



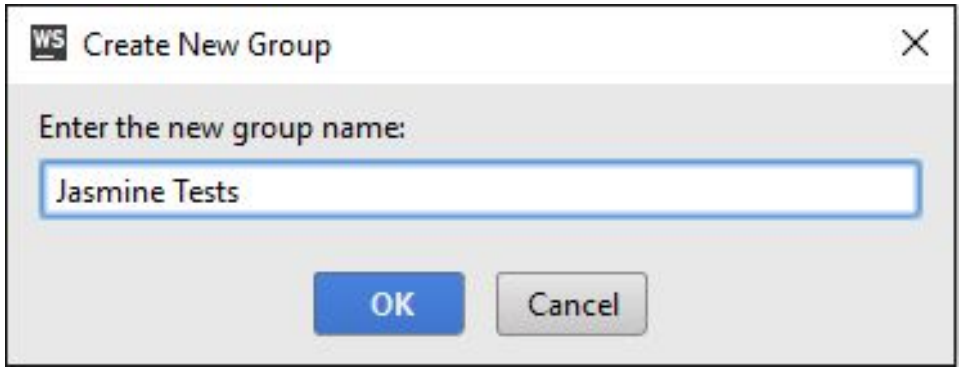
Live templates

File -> Settings -> Live Templates

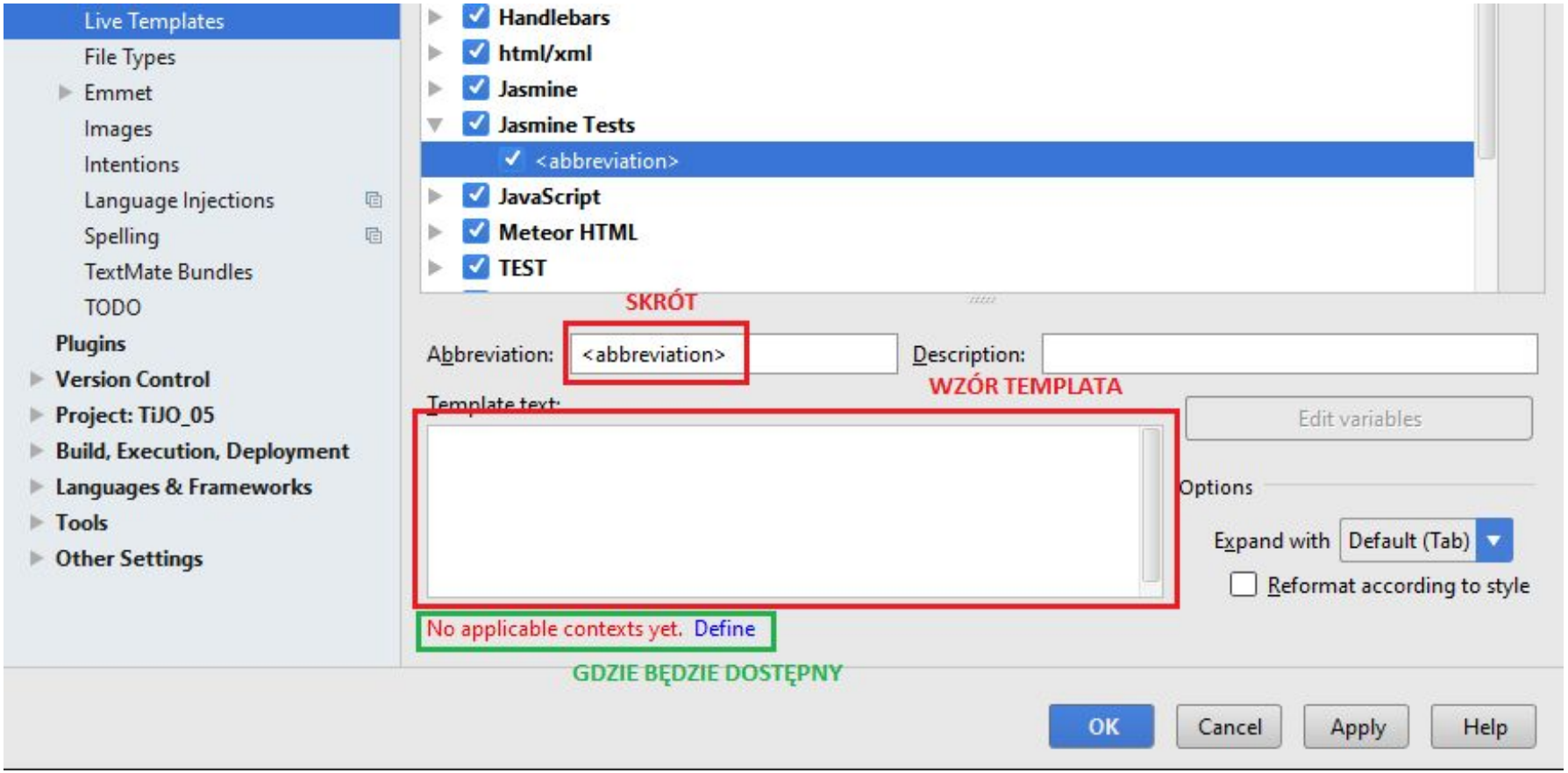


Live templates

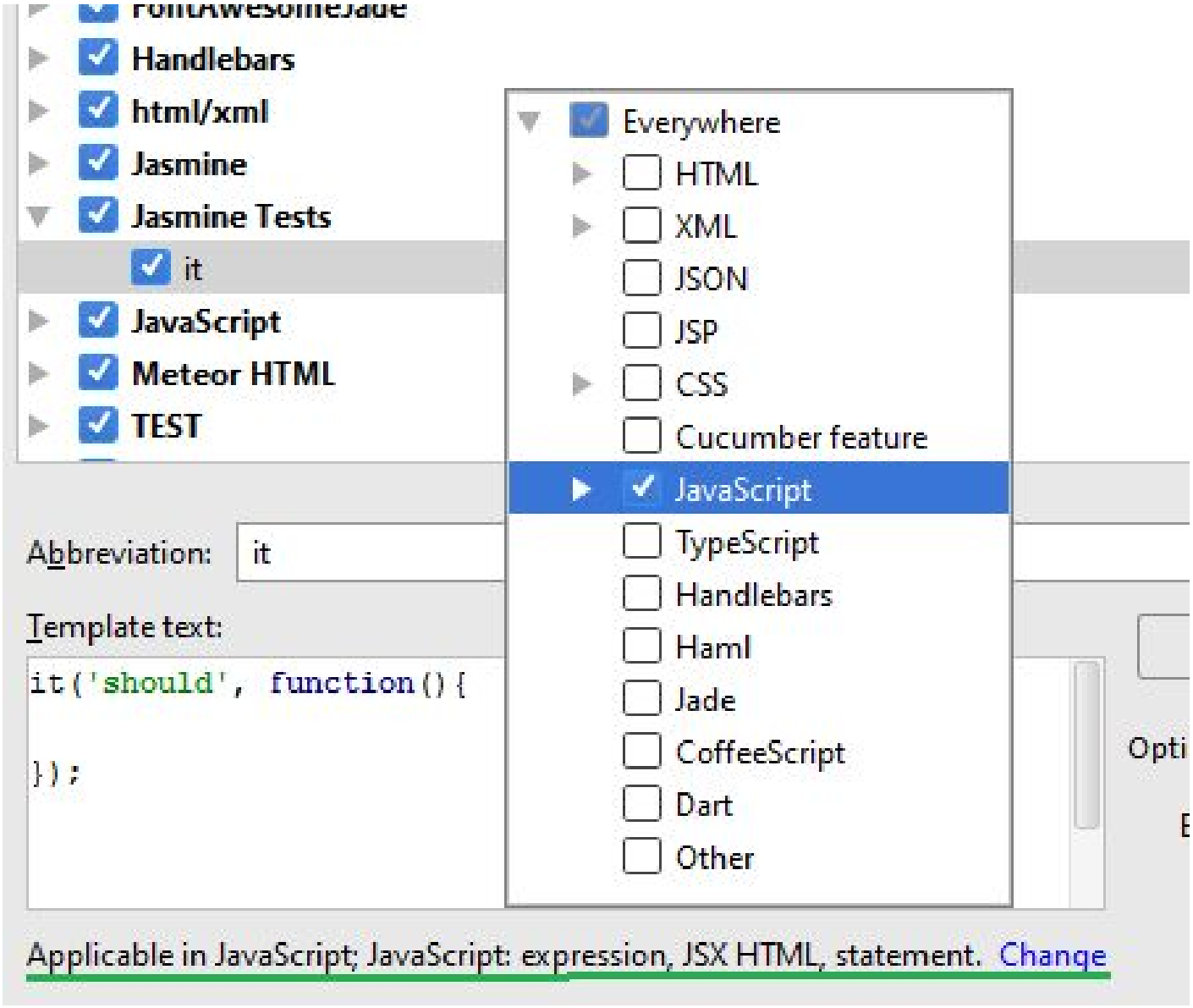
Template Group: **Jasmine Tests**



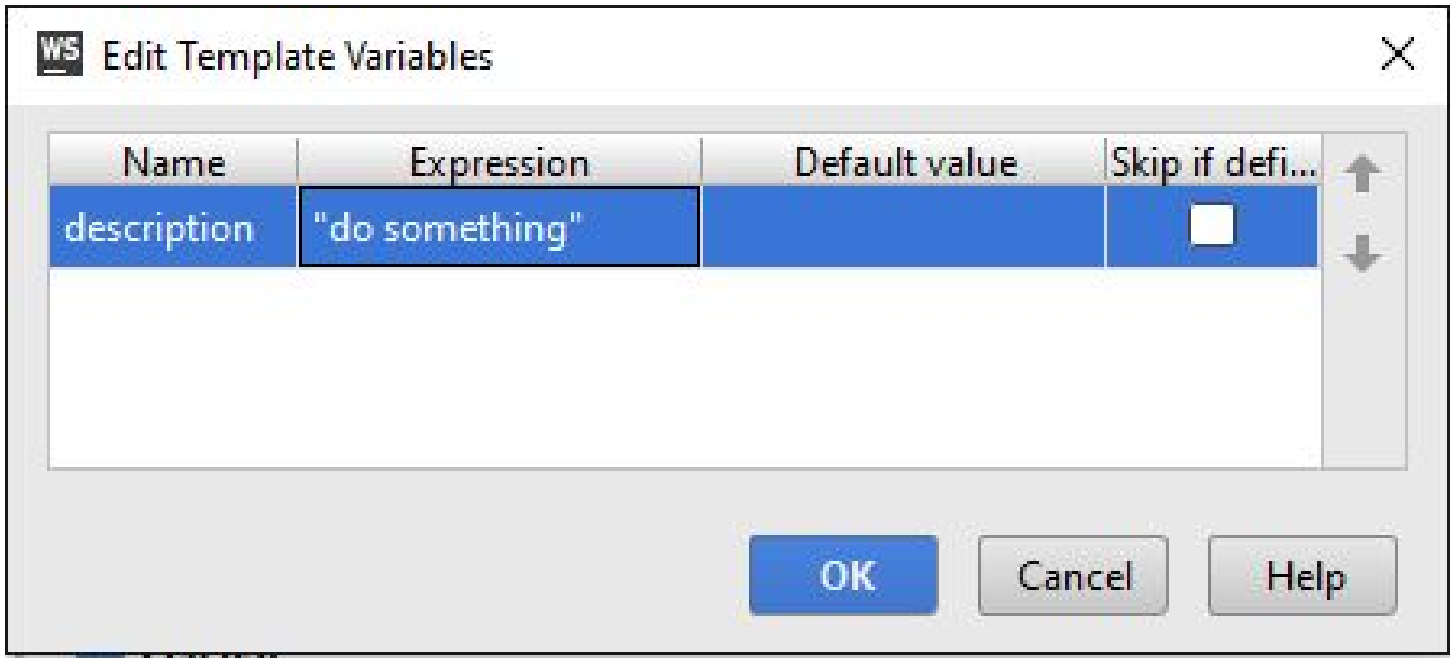
Do utworzonej grupy **Jasmine Tests** dodajemy nowy **Live Template**



Live templates - add context



Live templates - edit variable



Live templates

it -> TAB

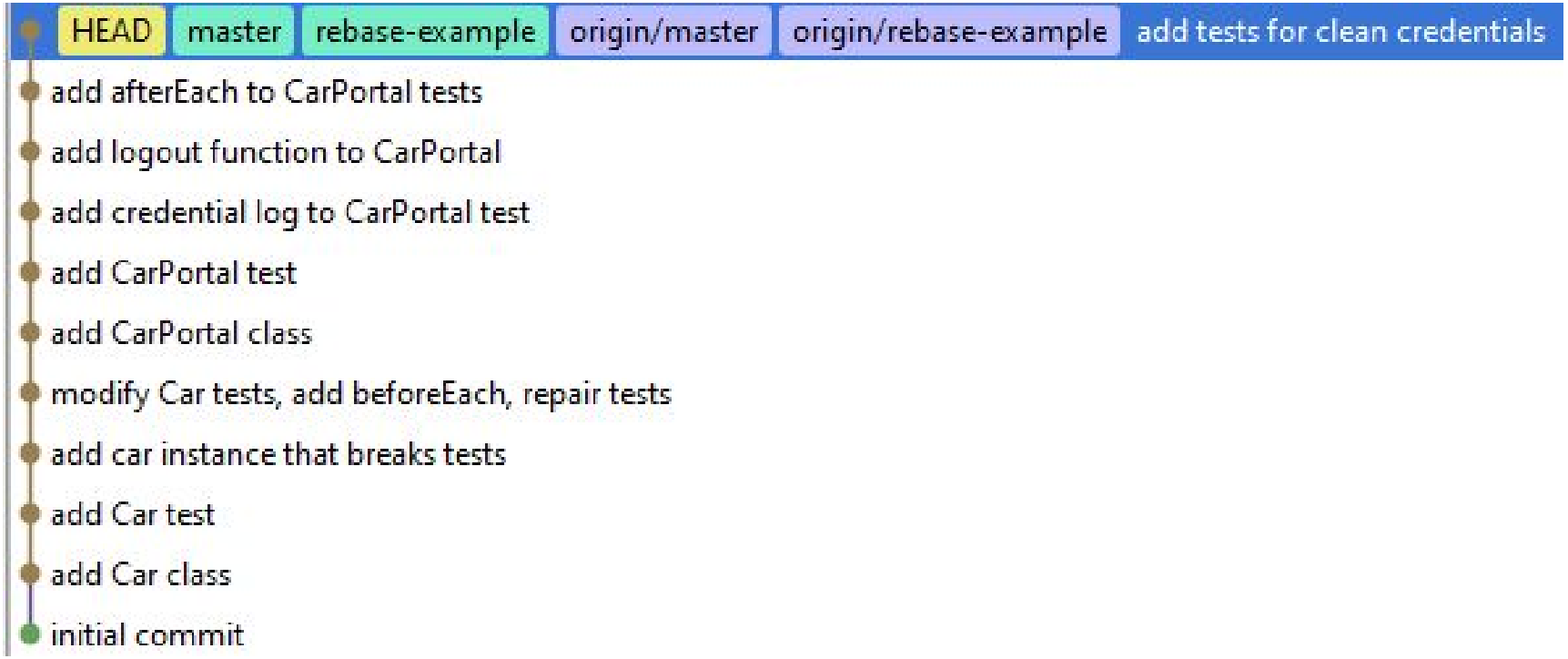
```
it('should do something', function(){

});
```

git rebase - zmiana historii

git rebase -i

git checkout -b rebase-example

git push origin rebase-example



git rebase -i HEAD~liczba_commitów

git rebase -i HEAD~5

```
pick bd2d694 add CarPortal test
pick 65d3bb3 add credential log to CarPortal test
pick 4b15a47 add logout function to CarPortal
pick 3b77a75 add afterEach to CarPortal tests
pick e16fa6f add tests for clean credentials

# Rebase 2e32d06..e16fa6f onto 2e32d06 (5 command(s))
#
# Commands:
# p, pick = use commit
# r, reword = use commit, but edit the commit message
# e, edit = use commit, but stop for amending
# s, squash = use commit, but meld into previous commit
# f, fixup = like "squash", but discard this commit's log message
# x, exec = run command (the rest of the line) using shell
# d, drop = remove commit
#
# These lines can be re-ordered; they are executed from top to bottom.
#
# If you remove a line here THAT COMMIT WILL BE LOST.
#
# However, if you remove everything, the rebase will be aborted.
#
# Note that empty commits are commented out
```

git rebase -i HEAD~5 (edit)

```
pick bd2d694 add CarPortal test
pick 65d3bb3 add credential log to CarPortal test
pick 4b15a47 add logout function to CarPortal
edit 3b77a75 add afterEach to CarPortal tests
edit e16fa6f add tests for clean credentials
```

```
Stopped at 3b77a759f2d41c6415340b4929762008dcdc91df... add afterEach to CarPortal tests XXX
You can amend the commit now, with

       git commit --amend

Once you are satisfied with your changes, run

       git rebase --continue
```

git rebase -i HEAD~5 (edit)

git commit --amend

```
add afterEach to CarPortal tests XXX

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Sun Mar 20 16:17:49 2016 +0100
#
# interactive rebase in progress; onto 2e32d06
# Last commands done (4 commands done):
#    pick 4b15a47 add logout function to CarPortal
#    edit 3b77a75 add afterEach to CarPortal tests
# Next command to do (1 remaining command):
#    edit e16fa6f add tests for clean credentials
# You are currently editing a commit while rebasing branch 'rebase-example' on '2e32d06'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

```
[detached HEAD 59fefbc] add afterEach to CarPortal tests XXX
 Date: Sun Mar 20 16:17:49 2016 +0100
 1 file changed, 3 insertions(+), 1 deletion(-)
```

git rebase -i HEAD~5 (edit)

git rebase --continue

```
C:\Users\Ania\Desktop\TiJO_05>git rebase --continue
Stopped at e16fa6f755205c798cb2ca097af9c43b4c1c5b53... add tests for clean credentials
You can amend the commit now, with

        git commit --amend

Once you are satisfied with your changes, run

        git rebase --continue
```

git rebase -i HEAD~5 (edit)

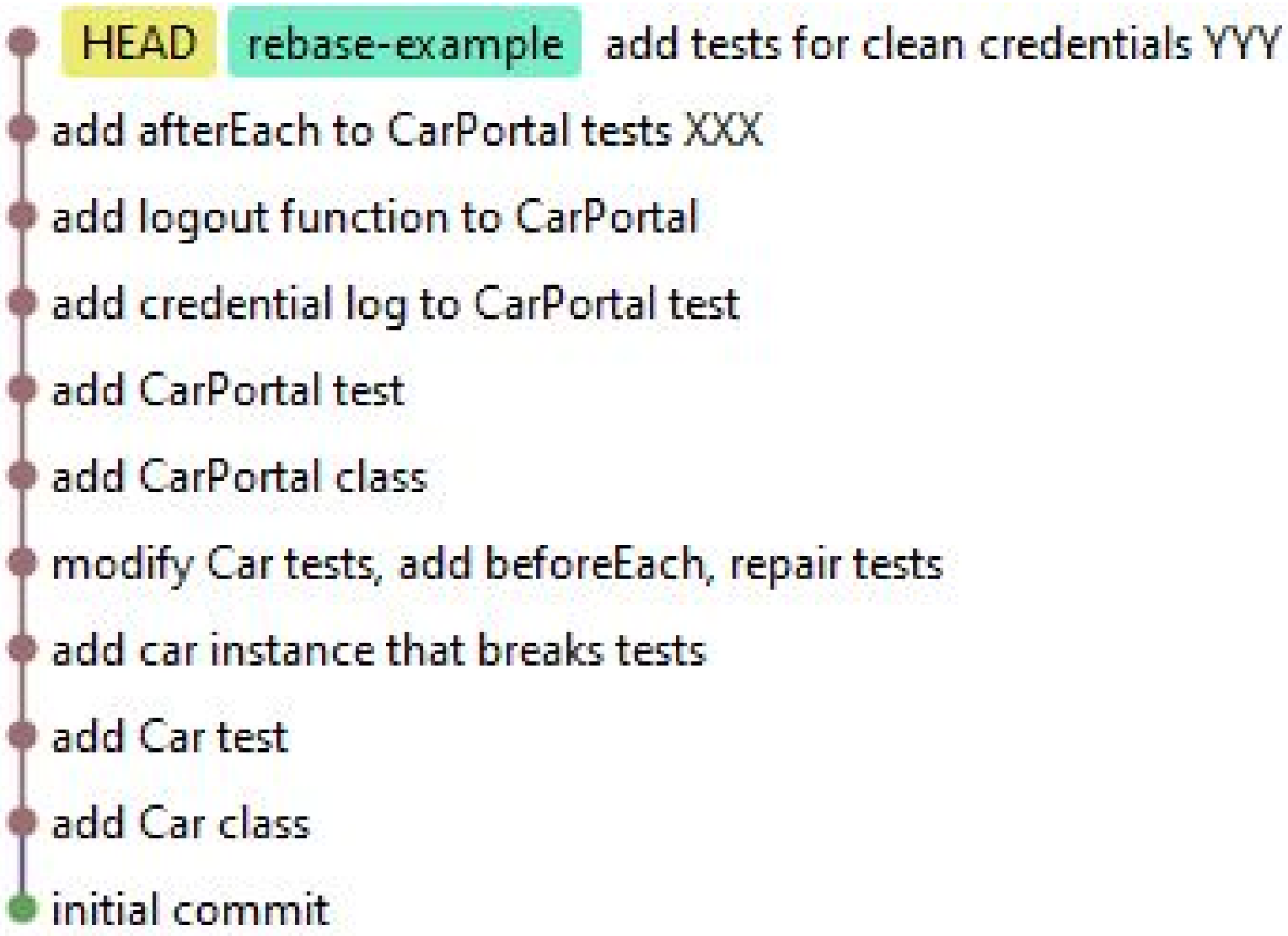
git commit --amend

```
add tests for clean credentials YYY

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Sun Mar 20 16:20:49 2016 +0100
#
# interactive rebase in progress; onto 2e32d06
# Last commands done (5 commands done):
#    edit 3b77a75 add afterEach to CarPortal tests
#    edit e16fa6f add tests for clean credentials
# No commands remaining.
# You are currently editing a commit while rebasing branch 'rebase-example' on '2e32d06'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

git rebase --continue

```
C:\Users\Ania\Desktop\TiJO_05>git commit --amend
[detached HEAD 2da7367] add tests for clean credentials YYY
 Date: Sun Mar 20 16:20:49 2016 +0100
 1 file changed, 6 insertions(+), 1 deletion(-)

C:\Users\Ania\Desktop\TiJO_05>git rebase --continue
Successfully rebased and updated refs/heads/rebase-example.
```

git rebase -i HEAD~5 (edit) - end effect



git log

```
2da7367 add tests for clean credentials YYY
59fefbc add afterEach to CarPortal tests XXX
4b15a47 add logout function to CarPortal
65d3bb3 add credential log to CarPortal test
bd2d694 add CarPortal test
2e32d06 add CarPortal class
c4a81e2 modify Car tests, add beforeEach, repair tests
9dedc7f add car instance that breaks tests
0ceccbc add Car test
e26fead add Car class
0ceb0dc initial commit
```

git rebase -i

```
pick bd2d694 add CarPortal test
pick 65d3bb3 add credential log to CarPortal test
pick 4b15a47 add logout function to CarPortal
pick 59fefbc add afterEach to CarPortal tests XXX
pick 2da7367 add tests for clean credentials YYY
```

git rebase -i HEAD~5 (squash)

```
pick bd2d694 add CarPortal test
pick 65d3bb3 add credential log to CarPortal test
pick 4b15a47 add logout function to CarPortal
pick 59fefbc add afterEach to CarPortal tests XXX
squash 2da7367 add tests for clean credentials YYY

# Rebase 2e32d06..2da7367 onto 2e32d06 (5 command(s))
#
# Commands:
# p, pick = use commit
# r, reword = use commit, but edit the commit message
# e, edit = use commit, but stop for amending
# s, squash = use commit, but meld into previous commit
# f, fixup = like "squash", but discard this commit's log message
# x, exec = run command (the rest of the line) using shell
# d, drop = remove commit
#
# These lines can be re-ordered; they are executed from top to bottom.
#
# If you remove a line here THAT COMMIT WILL BE LOST.
#
# However, if you remove everything, the rebase will be aborted.
#
# Note that empty commits are commented out
```

git rebase -i HEAD~5 (squash)

```
# This is a combination of 2 commits.
# The first commit's message is:

add afterEach to CarPortal tests XXX

# This is the 2nd commit message:

add tests for clean credentials YYY

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Sun Mar 20 16:17:49 2016 +0100
#
# interactive rebase in progress; onto 2e32d06
# Last commands done (5 commands done):
#    pick 59fefbc add afterEach to CarPortal tests XXX
#    squash 2da7367 add tests for clean credentials YYY
# No commands remaining.
# You are currently editing a commit while rebasing branch 'rebase-example' on '2e32d06'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

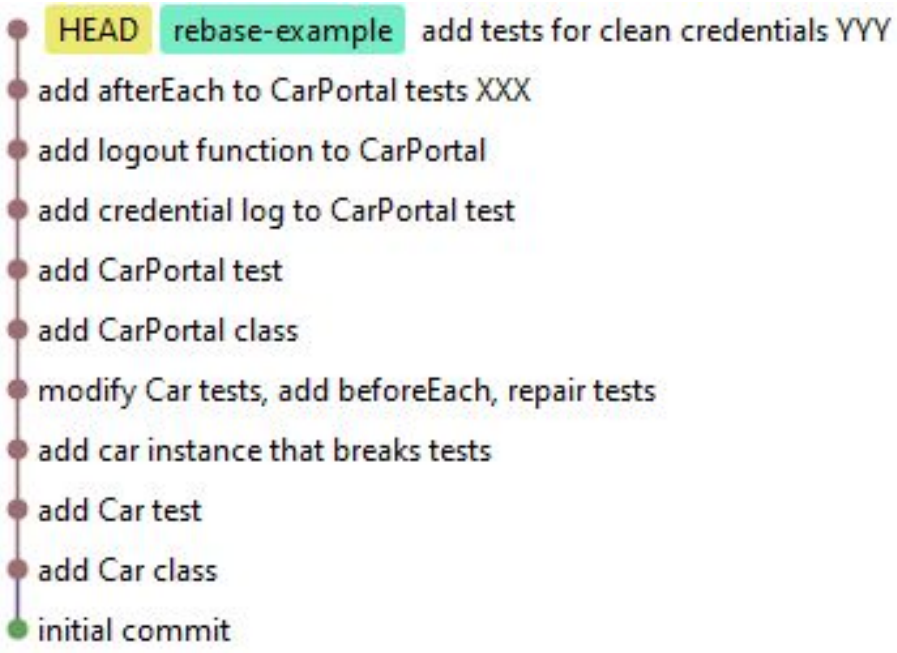
git rebase -i HEAD~5 (squash)

```
# This is a combination of 2 commits.
# The first commit's message is:

#add afterEach to CarPortal tests XXX

# This is the 2nd commit message:

#add tests for clean credentials YYY

improve CarPortal tests

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Sun Mar 20 16:17:49 2016 +0100
#
# interactive rebase in progress; onto 2e32d06
# Last commands done (5 commands done):
#    pick 59fefbc add afterEach to CarPortal tests XXX
#    squash 2da7367 add tests for clean credentials YYY
# No commands remaining.
# You are currently editing a commit while rebasing branch 'rebase-example' on '2e32d06'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

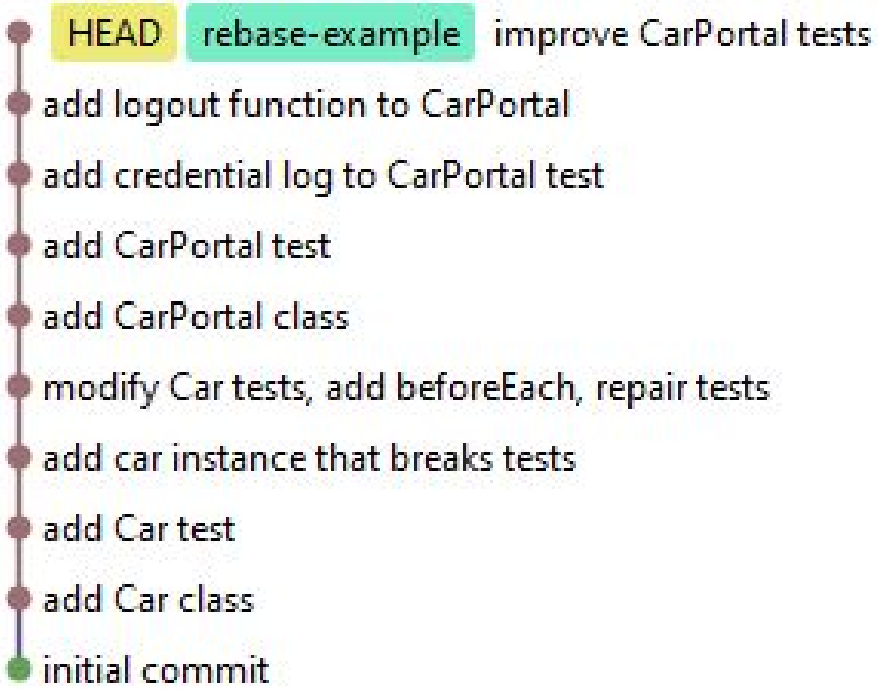
git rebase -i HEAD~5 (squash)

```
[detached HEAD 1394fd3] improve CarPortal tests
 Date: Sun Mar 20 16:17:49 2016 +0100
 1 file changed, 9 insertions(+), 2 deletions(-)
Successfully rebased and updated refs/heads/rebase-example.
```

Przed rebasem



Po rebasie



git rebase -i HEAD~5 (edit)

```
pick 2e32d06 add CarPortal class
pick bd2d694 add CarPortal test
edit 65d3bb3 add credential log to CarPortal test
pick 4b15a47 add logout function to CarPortal
pick 1394fd3 improve CarPortal tests
```

```
it('should set username to maria and password to qwerty when login is call', function () {
    console.log('credentials');
    console.log(carPortal.credentials);
    carPortal.login('maria', 'qwerty');
    expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
});
```

git add .
git commit --amend

git rebase -i HEAD~5 (edit)

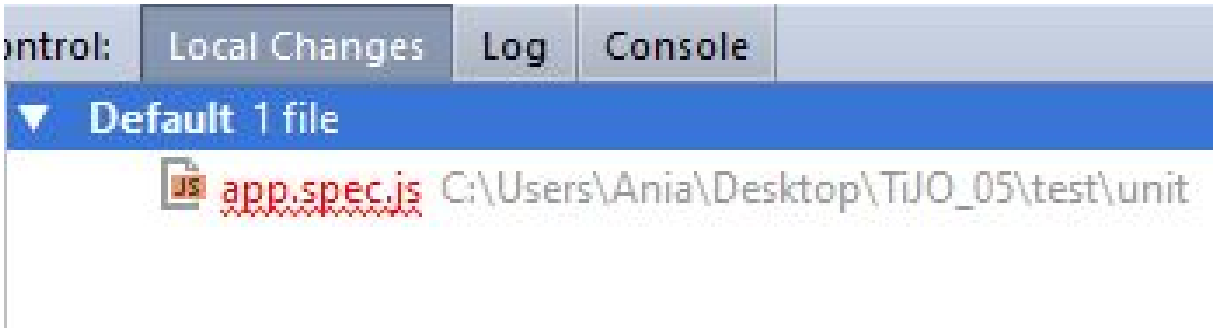
```
add credential log to CarPortal test

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Sun Mar 20 16:16:13 2016 +0100
#
# interactive rebase in progress; onto c4a81e2
# Last commands done (3 commands done):
#    pick bd2d694 add CarPortal test
#    edit 65d3bb3 add credential log to CarPortal test
# Next commands to do (2 remaining commands):
#    pick 4b15a47 add logout function to CarPortal
#    pick 1394fd3 improve CarPortal tests
# You are currently editing a commit while rebasing branch 'rebase-example' on 'c4a81e2'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

```
[detached HEAD 14a59e4] add credential log to CarPortal test
 Date: Sun Mar 20 16:16:13 2016 +0100
 1 file changed, 2 insertions(+)
```

git rebase -i HEAD~5 (edit)

git rebase --continue

```
C:\Users\Ania\Desktop\TiJO_05>git rebase --continue
error: could not apply 1394fd3... improve CarPortal tests

When you have resolved this problem, run "git rebase --continue".
If you prefer to skip this patch, run "git rebase --skip" instead.
To check out the original branch and stop rebasing, run "git rebase --abort".
Could not apply 1394fd377f71adfed5614043c1769b8af14627fe... improve CarPortal tests
```



git rebase -i HEAD~5 (edit)

git rebase -i HEAD~5 (edit)

git status

```
C:\Users\Ania\Desktop\TiJO_05>git status
interactive rebase in progress; onto c4a81e2
Last commands done (5 commands done):
   pick 4b15a47 add logout function to CarPortal
   pick 1394fd3 improve CarPortal tests
  (see more in file .git/rebase-merge/done)
No commands remaining.
You are currently rebasing branch 'rebase-example' on 'c4a81e2'.
  (all conflicts fixed: run "git rebase --continue")

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   test/unit/app.spec.js
```

git rebase -i HEAD~5 (edit)

git rebase --continue

```
improve CarPortal tests

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
# interactive rebase in progress; onto c4a81e2
# Last commands done (5 commands done):
#    pick 4b15a47 add logout function to CarPortal
#    pick 1394fd3 improve CarPortal tests
# No commands remaining.
# You are currently rebasing branch 'rebase-example' on 'c4a81e2'.
#
# Changes to be committed:
#   modified:   test/unit/app.spec.js
#
```

```
C:\Users\Ania\Desktop\TiJO_05>git rebase --continue
[detached HEAD f6f181f] improve CarPortal tests
 1 file changed, 9 insertions(+), 1 deletion(-)
Successfully rebased and updated refs/heads/rebase-example.
```

git push origin rebase-example

wypchnięcie zmian zostało odrzucone.

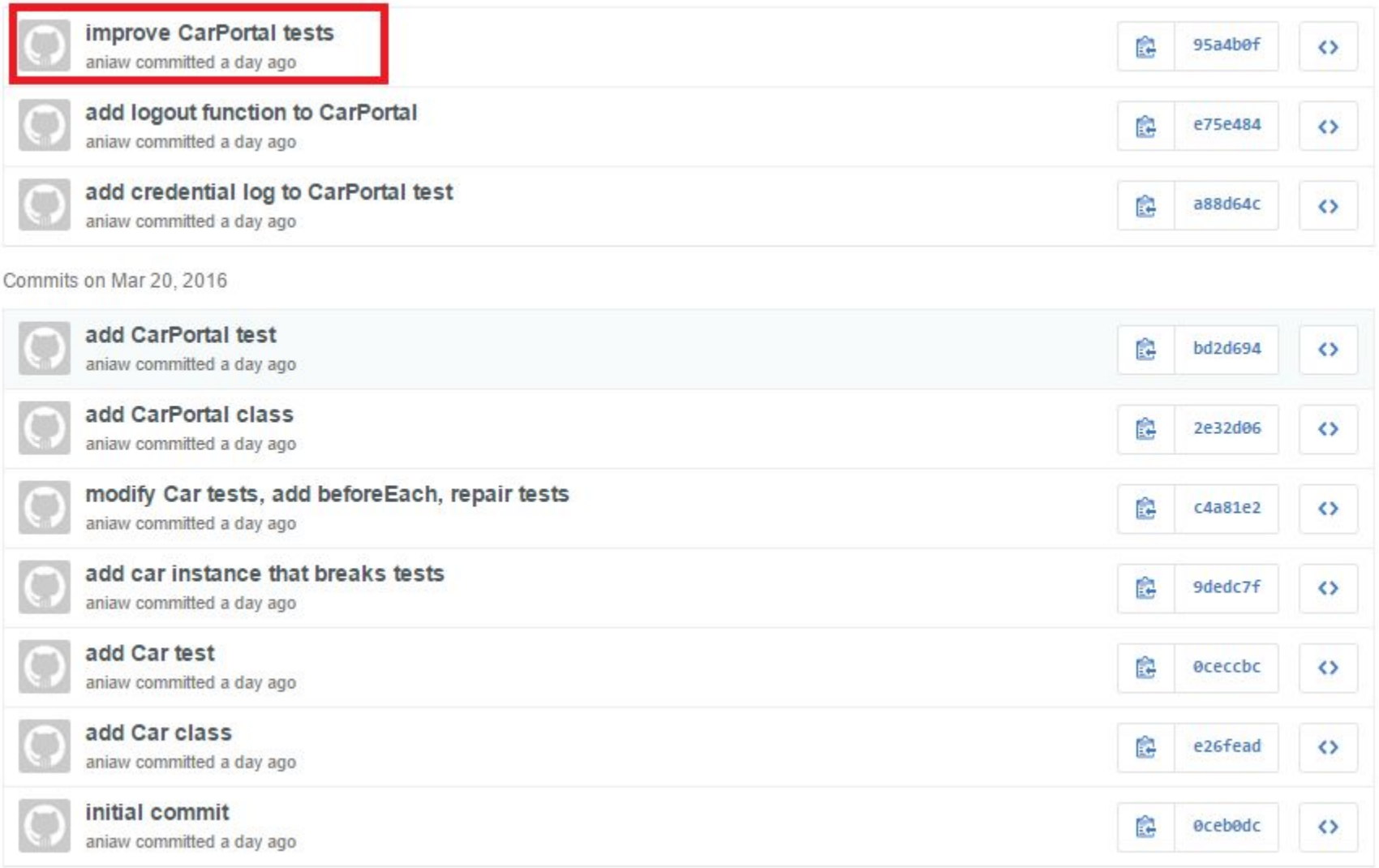
```
C:\Users\Ania\Desktop\TiJO_05>git push origin rebase-example
Username for 'https://github.com': aniaw
Password for 'https://aniaw@github.com':
To https://github.com/aniaw/TiJO_05.git
 ! [rejected]        rebase-example -> rebase-example (non-fast-forward)
error: failed to push some refs to 'https://github.com/aniaw/TiJO_05.git'
hint: Updates were rejected because the tip of your current branch is behind
hint: its remote counterpart. Integrate the remote changes (e.g.
hint: 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

UWAGA - NIEBEZPIECZNE

git push -f origin rebase-example

```
C:\Users\Ania\Desktop\TiJO_05>git push -f origin rebase-example
Username for 'https://github.com': aniaw
Password for 'https://aniaw@github.com':
Counting objects: 14, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (11/11), done.
Writing objects: 100% (14/14), 1.30 KiB | 0 bytes/s, done.
Total 14 (delta 6), reused 0 (delta 0)
To https://github.com/aniaw/TiJO_05.git
 + e16fa6f...95a4b0f rebase-example -> rebase-example (forced update)
```

git push -f origin rebase-example



git push -f origin rebase-example

add credential log to CarPortal test

rebase-example

Browse files

aniaw committed a day ago — 1 parent bd2d694 — commit a88d64c5679a21be3f110f107235a4ce7faa22b7

Showing 1 changed file with 2 additions and 0 deletions.

Unified | Split

2 test/unit/app.spec.js — View

```
@@ -38,6 +38,8 @@ describe('app', function () {
38  38              expect(carPortal.credentials).toEqual({username: 'john', password: '12345'});
39  39          });
40  40          it('should set username to maria and password to qwerty when login is call', function () {
    41  +           console.log('credential');
    42  +           console.log(carPortal.credentials);
41  43              carPortal.login('maria', 'qwerty');
42  44              expect(carPortal.credentials).toEqual({username: 'maria', password: 'qwerty'});
43  45          });
```

DON'T USE GIT PUSH --
FORCE
PEOPLE WILL HATE
YOU
memegenerator.net