Json server instalation: npm install -g json-server
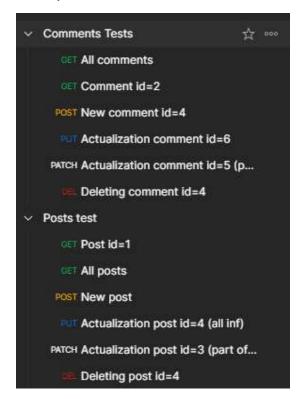
Run: json-server db.json

db.json update (create own data)

```json
{
  "posts": [
    {
      "id": 1,
      "title": "first post",
      "author": "Bartek"
    },
    {
      "title": "Ogniem i mieczem",
      "author": "Jagoda",
      "id": 2
    },
    {
      "id": 3,
      "title": "actualization",
      "author": "Miczi"
    },
    {
      "title": "Czwarty post 426 Adele Island",
      "author": "Brennan  Kerluke",
      "id": 5
    },
    {
      "title": "Czwarty post 081 Claire Crest",
      "author": "Ramiro  Stracke",
      "id": 6
    },
    {
      "title": "Czwarty post 65219 Luettgen Plain",
      "author": "Agustin  DuBuque",
      "id": 7
    }
  ],
  "comments": [
    {
      "id": 1,
      "body": "some comment1",
      "postId": 1
    },
    {
      "id": 2,
      "body": "some comment2",
      "postId": 2
    },
```

```json
  {
    "id": 3,
    "body": "some comment3",
    "postId": 3
  }
],
"profile": {
  "name": "typicode"
}
}
```

Creating two collections with requests

Test creating (with Postman documentation and snippets using), samples (can be other than in Postman's files):

   1) Checking response (is 200?)

```
pm.test("status code is 200"), function() {
    pm.response.to.have.status(200);
});
```

   2) Checking string in field ('fir' in 'title' at post id=1)

```
pm.test("Post contain specific title", function () {
```

```
        pm.expect(pm.response.text()).to.include("fir");
});
```

3) Checking value in field ('first' in 'title' and 'Bartek' in 'author' in post id=1)

```
pm.test("Check title and author", function () {
    var jsonData = pm.response.json();
    pm.expect(jsonData.title).to.eql("first post");
    pm.expect(jsonData.author).to.eql("Bartek");
});
```

4) Adding test on collections level. Checking response (is 200, 201 or maybe 202?)

```
pm.test("Successful POST request", function () {
    pm.expect(pm.response.code).to.be.oneOf([200, 201, 202]);
});
```

Variables adding

VARIABLE	INITIAL VALUE ⓘ	CURRENT VALUE ⓘ
☑ host	localhost:3000	localhost:3000
☑ id	1	1

Pre-request Script

Change to the id value (in environment variable id = 1, we want to change to 7). In card „Pre-request Script:

```
console.log("Before change variable id")
console.log(pm.environment.get("id"));
pm.environment.set("id", "7");
console.log("After change variable id")
console.log(pm.environment.get("id"));
```

Displayed result by Tests

1) Displayed in console

```
var postId = pm.response.json().id;
pm.environment.set("postId", postId);
console.log("Post with id " + postId + " was created")
```