

## Zadanie domowe nr 11 -Nowoczesna architektura aplikacji. Postman

### 1. Utwórz kolumnę na tablicy po lewej stronie w dokumentacji rozdział nazywa się “Create a new List”

The screenshot shows the Postman interface for a POST request to the Trello API endpoint `https://api.trello.com/1/lists?name=Lista1&idBoard={{idBoard}}&key={{my_key}}&token={{my_token}}`. The request is configured with the following query parameters:

Key	Value	Description
<input checked="" type="checkbox"/> name	Lista1	
<input checked="" type="checkbox"/> idBoard	{{idBoard}}	
<input checked="" type="checkbox"/> key	{{my_key}}	
<input checked="" type="checkbox"/> token	{{my_token}}	

The response body is displayed in JSON format:

```
{
  "id": "655a51cf85f9b1894e7ef9fb",
  "name": "Lista1",
  "closed": false,
  "idBoard": "654bcf36a561e2bab5a21811",
  "pos": 63.9990234375,
  "status": null,
  "limits": {}
}
```

Dodaj testy:

- na sprawdzenie statusu kodu;
- na sprawdzenie czasu żądania;
- na sprawdzenie czy wartość "name" to tekstowy typ danych;

The screenshot shows the Postman interface with the Tests tab selected. The test scripts are written in JavaScript:

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 200ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(200);
6 });
7 pm.test("Verify that 'name' object is string", function () {
8   var jsonData = pm.response.json();
9   pm.expect(jsonData.name).to.be.a("string");
10 });
```

The Test Results section shows the following results:

Result	Test Name
PASS	Status code is 200
FAIL	Response time is less than 200ms   AssertionError: expected 507 to be below 200
PASS	Verify that 'name' object is string

## 2. Utwórz po jednej karcie w każdej kolumnie na tablicy w dokumentacji rozdział nazywa się “Create a new Card”

The screenshot shows the Postman interface for the 'Create a New Card' endpoint. The request is a POST to `https://api.trello.com/1/cards?idList={{idList}}&key={{my_key}}&token={{my_token}}`. The query parameters are `idList`, `key`, and `token`. The response is a JSON object with the following structure:

```
{
  "id": "655a54f6baf7913dbd1a5f67",
  "badges": {
    "attachmentsByType": {
      "trello": {
        "board": 0,
        "card": 0
      }
    },
    "location": false,
    "votes": 0,
    "viewingMemberVoted": false,
    "subscribed": false,
    "fogbugz": "",
    "checkItems": 0,
    "checkItemsChecked": 0,
    "checkItemsEarliestDue": null,
    "comments": 0
  }
}
```

Utwórz po jednej karcie w każdej kolumnie, która jest na tablicy dodaj testy:

- na sprawdzenie statusu kodu;
- na sprawdzenie czasu żądania;
- na sprawdzenie czy wartość "id" to tekstowy typ danych;

The screenshot shows the Postman interface for the 'Create a New Card' endpoint with tests. The tests are:

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 200ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(200);
6 });
7 pm.test("Verify that 'id' object is string", function () {
8   var jsonData = pm.response.json();
9   pm.expect(jsonData.id).to.be.a("string");
10  });
```

The test results show:

- PASS Status code is 200
- FAIL Response time is less than 200ms | AssertionError: expected 401 to be below 200
- PASS Verify that 'id' object is string

### 3. Zaktualizuj informacje o utworzonej tablicy w dokumentacji rozdział nazywa się “Update a Board”.

Trello API / Update a Board

PUT [https://api.trello.com/1/boards/{{idBoard}}?key={{my\\_key}}&token={{my\\_token}}](https://api.trello.com/1/boards/{{idBoard}}?key={{my_key}}&token={{my_token}}) Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> key	{{my_key}}	
<input checked="" type="checkbox"/> token	{{my_token}}	

Body Cookies (2) Headers (40) Test Results

Status: 200 OK Time: 184 ms Size: 3.46 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "655a56a2680bbd29250c5e75",
3   "name": "{Tablica}",
4   "desc": "",
5   "descData": null,
6   "closed": false,
7   "idOrganization": "655a24f3e490deb98a1a9500",
8   "idEnterprise": null,
9   "pinned": false,
10  "url": "https://trello.com/b/tCnqXadX/tablica",
11  "shortUrl": "https://trello.com/b/tCnqXadX",
12  "prefs": {
13    "permissionLevel": "private",
14    "hideVotes": false,
15    "voting": "disabled",
16    "comments": "members",
17    "invitations": "members",
18    "selfJoin": true,
19    "boardSource": true
20  }
21 }
```

Zmień nazwę tablicy i dodaj opis tablicy.

Trello API / Update a Board

PUT [https://api.trello.com/1/boards/{{idBoard}}?key={{my\\_key}}&token={{my\\_token}}&name=Moja nazwa&desc=Jesteś zwycięzcą](https://api.trello.com/1/boards/{{idBoard}}?key={{my_key}}&token={{my_token}}&name=Moja nazwa&desc=Jesteś zwycięzcą) Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> key	{{my_key}}	
<input checked="" type="checkbox"/> token	{{my_token}}	
<input checked="" type="checkbox"/> name	Moja nazwa	
<input checked="" type="checkbox"/> desc	Jesteś zwycięzcą	

Body Cookies (2) Headers (40) Test Results

Status: 200 OK Time: 254 ms Size: 3.49 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "655a56a2680bbd29250c5e75",
3   "name": "Moja nazwa",
4   "desc": "Jesteś zwycięzcą ",
5   "descData": {
6     "emoji": {}
7   },
8   "closed": false,
9   "idOrganization": "655a24f3e490deb98a1a9500",
10  "idEnterprise": null,
11  "pinned": false,
12  "url": "https://trello.com/b/tCnqXadX/moja-nazwa",
13  "shortUrl": "https://trello.com/b/tCnqXadX"
14 }
```

Dodaj testy:

- na sprawdzenie statusu kodu;
- na sprawdzenie czasu żądania;

The screenshot shows the Postman interface for a PUT request to the Trello API endpoint `https://api.trello.com/1/boards/{{idBoard}}?key={{my_key}}&token={{my_token}}&name=Moja nazwa&desc=Jesteś zwycięzcą`. The request is saved and has a status of 200 OK. The tests section shows two tests: "Status code is 200" and "Response time is less than 250ms", both of which passed. The test results show the status code is 200 and the response time is 241 ms.

```
1 pm.test("Status code is 200", function () {
2   pm.response.to.have.status(200);
3 });
4 pm.test("Response time is less than 250ms", function () {
5   pm.expect(pm.response.responseTime).to.be.below(250);
6 });
```

Test Results (2/2)

- PASS Status code is 200
- PASS Response time is less than 250ms

**BONUS:** sprawdź eksploracyjnie (ręcznie) czy nastąpiła aktualizacja

The screenshot shows the Trello web interface for a workspace named "Trello Wojtko". The workspace is private and has a button to "Zaproś członków Przechwyceni roboczej". The left sidebar shows the workspace name, a list of boards (Tablica 1, Tablica 2, Tablica 3), and a button to "Wypróbuj za darmo wersję Premium". The main area shows a list of boards with a search bar and a button to "Utwórz nową tablicę". The boards are: "Moja nazwa", "Tablica 3", "Tablica 2", and "Tablica 1".

Sortuj według: Najbardziej aktywne os...  
Filtruj według: Wybierz kolekcję

Utwórz nową tablicę  
Pozostało 6

Moja nazwa  
Tablica 3  
Tablica 2  
Tablica 1

Pokaż zamknięte tablice