

Task #27

Tests in Postman

Pre-request

The screenshot shows the Postman interface with a collection named 'Petstore' and a sub-collection 'User'. The selected item is 'POST Create user' with the URL 'https://petstore.swagger.io/v2/user'. The 'Pre-request Script' tab is active, containing the following JavaScript code:

```
1 pm.sendRequest('https://petstore.swagger.io/v2/user/login?username=nova&password=psnova',  
2   function(err, response) {  
3     console.log(response.json());  
4   })  
5 console.log('petstore')
```

The 'Body' tab shows the response in JSON format:

```
{  
  "code": 200,  
  "type": "unknown",  
  "message": "9223372836854756277"  
}
```

The console at the bottom shows the execution of the pre-request script, including a 'ReferenceError: pm is not defined' error and the successful execution of the POST request.

Tests Console.log

The screenshot shows the Postman interface with the same collection and item as the previous screenshot. The 'Tests' tab is active, containing the following JavaScript code:

```
1 console.log('task 27')
```

The 'Body' tab shows the response in JSON format:

```
{  
  "code": 200,  
  "type": "unknown",  
  "message": "9223372836854756416"  
}
```

The console at the bottom shows the execution of the test script, including the 'task 27' log message and the successful execution of the POST request.

Status code 404

The screenshot shows the Postman interface with a collection named 'Collection Petstore' and a sub-collection 'User'. The selected endpoint is 'POST Create user' with the URL 'https://petstore.swagger.io/v2/user'. The test script is as follows:

```
1 pm.test("Status code is 200", function () {  
2   pm.response.to.have.status(404);  
3 });  
4
```

The test results show a failure: 'Status code is 200 | AssertionError: expected response to have status code 404 but got 200'. The status bar at the bottom indicates 'Status: 200 OK'.

Status code 200

The screenshot shows the Postman interface with the same collection and endpoint as the previous image. The test script is updated to expect status code 200:

```
1 pm.test("Status code is 200", function () {  
2   pm.response.to.have.status(200);  
3 });  
4
```

The test results show a pass: 'Status code is 200'. The status bar at the bottom indicates 'Status: 200 OK'.

Two positive tests in one body

The screenshot shows the Postman interface for a GET request to `https://petstore.swagger.io/v2/user/{username}`. The request is successful with a status of 200 OK. The Tests tab shows two tests that both passed:

```
1 pm.test("Body matches string", function () {
2   pm.expect(pm.response.text()).to.include("nova");
3 });
4 pm.test("Status code is 200", function () {
5   pm.response.to.have.status(200);
6 });
```

The Test Results section shows:

- PASS Body matches string
- PASS Status code is 200

Two failed tests in one body

The screenshot shows the Postman interface for the same GET request, but with two tests that failed:

```
1 pm.test("Body matches string", function () {
2   pm.expect(pm.response.text()).to.include("crazy");
3 });
4 pm.test("Status code is 200", function () {
5   pm.response.to.have.status(404);
6 });
```

The Test Results section shows:

- FAIL Body matches string | AssertionError: expected '"id":9223372036854756265,"username":...' to include 'crazy'
- FAIL Status code is 200 | AssertionError: expected response to have status code 404 but got 200

One positive, one negative tests

The image shows the Postman interface for a GET request to `https://petstore.swagger.io/v2/user/{username}`. The request is configured with the following tests:

```
1 pm.test("Body matches string", function () {
2   pm.expect(pm.response.text()).to.include("nova");
3 });
4 pm.test("Status code is 200", function () {
5   pm.response.to.have.status(404);
6 });
```

The test results show that the first test, "Body matches string", passed. The second test, "Status code is 200", failed because the expected status code was 404, but the actual status code was 200.

Test Results (1/2)
PASS Body matches string
FAIL Status code is 200 AssertionError: expected response to have status code 404 but got 200