Soal Eksplorasi

pengujian pada aplikasi RESTful API berikut dengan menggunakan Postman

 Saya melakukan pengujian terhadap method get dan post. Memasukkan code di dalam test.

```
POST
              https://jsonplaceholder.typicode.com/posts/
Params Authorization Headers (8) Body ● Pre-request Script ● Tests ● Settings
       const jsonData = pm.response.json();
let responseStatus = pm.response.code;
        let resTime = pm.response.responseTime;
let exResponseTime = pm.environment.get("ResponseTime");
       let resUserID = jsonData.userId;
let exUserId = pm.variables.get("userId");
        let resId = jsonData.id;
let exId = pm.variables.get("id");
  9 let resTitle= jsonData.title;
10 let exTitle = pm.variables.get("title");
      let resBody = jsonData.body;
let exBody = pm.variables.get("body");
  14 console.log(resTime);
       pm.response.to.have.status(201);
});
  pm.test('Response status code is 201', function(){
                https://jsonplaceholder.typicode.com/posts/
          Authorization Headers (8) Body ● Pre-request Script ● Tests ● Settings
         pm.test(`Response less then ${exResponseTime}`, function(){
             pm.expect(resTime).to.below(1000);
        pm.test(`Response userId is ${exUserId}`, function(){
    pm.expect(resUserID).to.eql(exUserId);
        });
   pm.test('Response id is ${exId}', function(){
pm.expect(resId).to.eql(exId);
};
};
   pm.test(`Response title is ${exTitle}`, function(){
}

pm.expect(resTitle).to.eql(exTitle);
   34 });
   pm.test(`Response title is ${exTitle}`, function(){
    33  | pm.expect(resTitle).to.eql(exTitle);
34  });
   36 pm.test(`Response body is ${exBody}`, function(){
37    pm.expect(resBody).to.eql(exBody);
38  });
    40 console.log(exUserId);
    41 console.log(resUserID);
    42 console.log(exId);
    43 console.log(resId);
   44 console.log(exTitle);
45 console.log(resTitle);
   46 console.log(exBody);
   47 console.log(resBody);
```

2. Setelah itu memasukkan script

```
Post 

https://jsonplaceholder.typicode.com/posts/

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

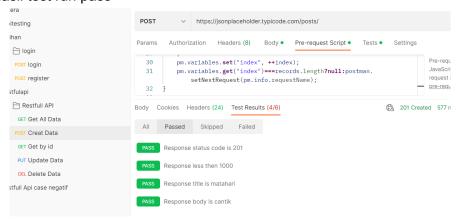
1 //data-driven test
2 if (!pm.wariables.get("index"))  
3 const parse = require('csv-parse/lib/sync');
4 //input your csv data here
5 const input = '
6 testNumber, restDesc, testType, userId, id, title, body
7 1, Data Satu, Positive, 1, 1, matahari, cantik
8 2, Data dua, Positive, 1, matahari, Bad Request
9 3, Data Tiga, Negative, 10, 1409, Bad Request
10 4, Data empat, Negative, 10, 409, Bad Request
11 ;
12 const records = parse(input, {
    columns: true,
    skip_empty_lines: true
    }
16 }
17

https://jsonplaceholder.typicode.com/posts/
```

```
Params Authorization Headers (8) Body ● Pre-request Script ● Tests ● Settings
                 pm.variables.set("index", 0);
pm.variables.set("records", records);
   19
   21 }
          records = pm.variables.get("records");
index = pm.variables.get("index");
   25
          if (index !== records.length) {
                 for (let i of Object.entries(records[index])) {
   pm.variables.set(i[0], i[1]);
   29
                 pm.variables.set("index", ++index);
pm.variables.get("index")===records.length?null:postman.
setNextRequest(pm.info.requestName);
   31
   32
   34
          if (index == records.length) {
                 pm.variables.unset("index");
   36
        if (pm.variables.has("testNumber")) {
  var testNumber = pm.variables.get("testNumber");
  var testDesc = pm.variables.get("testDesc");
  var testType = pm.variables.get("testType");
 41
42
 43
44
        console.info("Test number: "+testNumber);
console.info("Test type: "+testType);
 45
```

console.info("Test description: "+testDesc);

3. Melihat hasil test run pass



4. Hasil test run fail



6. Saya sudah mempelajari script yang telah diberikan olleh mentor tetapi saya masih belum bisa memperbaiki jika masih ada hasil test runnya fail.