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PRE-REQUEST SCRIPT

```
//data-driven test
if (!pm.variables.get("index")) {
  const parse = require('csv-parse/lib/sync');
  //input your csv data here
  const input = `
testNumber,testDesc,testType,email,password,expectedStatusCode,status
1,Data Satu,Positive,eve.holt@reqres.in,pistol,200,OK
2,Data dua,Negative,,pistol,400,Bad Request
3,Data Tiga,Negative,eve.holt@reqres.in,Pistol,400,Bad Request
4,Data empat,Negative,,,400,Bad Request
`;

  const records = parse(input, {
    columns: true,
    skip_empty_lines: true
  })

  pm.variables.set("index", 0);
  pm.variables.set("records", records);
}

records = pm.variables.get("records");
index = pm.variables.get("index");

if (index !== records.length) {
  for (let i of Object.entries(records[index])) {
    pm.variables.set(i[0], i[1]);
  }
  pm.variables.set("index", ++index);
  pm.variables.get("index") === records.length ? null : postman.setNextRequest(pm.info.requestName);
}

if (index == records.length) {
  pm.variables.unset("index");
}

//info
if (pm.variables.has("testNumber")) {
  var testNumber = pm.variables.get("testNumber");
  var testDesc = pm.variables.get("testDesc");
  var testType = pm.variables.get("testType");
}

console.info("Test number: "+testNumber);
console.info("Test type: "+testType);
console.info("Test description: "+testDesc);
```

TEST SCRIPT

```
const jsonData = pm.response.json();
let statusCode = pm.response.code;
let resTime = pm.response.responseTime;
let exResponseTime = pm.environment.get("response-time");
let resEmail = jsonData.data[0].email;
let exEmail = pm.environment.get("email");
let exPage = pm.environment.get("page");

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

pm.test(`Response time is LESS THAN ${exResponseTime} `, function() {
    pm.expect(resTime).to.below(parseInt(exResponseTime));
})

pm.test(`email is expected to be ${exEmail} `, function() {
    pm.expect(resEmail).to.eql(exEmail);
})

if(statusCode == 200){
    pm.test(`JSON file should return the email ${exEmail} `, function() {
        pm.expect(resEmail).to.eql(exEmail);
    });
} else if (pm.response.code !== 200) {
    pm.test('Fail to get user data');
}
```

Body

```
{
  "email": "{{email}}",
  "password": "{{password}}"
}
```

Screenshot

Iteration 1

POST Challenge Copy {{base-url}}/api/register / latihan / Challenge Copy

200 OK 371 ms 695 B

Pass Login Successfully

Pass Status code is 200

Pass Response time less than 500ms

Pass ID is 4

POST Challenge Copy {{base-url}}/api/register / latihan / Challenge Copy

400 Bad Request 383 ms 703 B

Pass Failed to login Missing email or username

Pass Status code is 400

Pass Response time less than 500ms

Pass ID is NaN

POST Challenge Copy {{base-url}}/api/register / latihan / Challenge Copy

200 OK 372 ms 689 B

Pass Failed to login undefined

Pass Status code is 200

Pass Response time less than 500ms

Pass ID is 4

POST Challenge Copy {{base-url}}/api/register / latihan / Challenge Copy

400 Bad Request 375 ms 705 B

Pass Failed to login Missing email or username

Pass Status code is 400

Pass Response time less than 500ms

Pass ID is NaN

POST login 17 maret

POST Challenge Copy 17 maret

test-reqres 17 maret

test-reqres

test-reqres

Fork Save Share

	Variable	Type ⓘ	Initial value ⓘ	Current value ⓘ	...	Persist All	Reset All
<input checked="" type="checkbox"/>	base-url	default ▾		https://reqres.in			
<input checked="" type="checkbox"/>	response-time	default ▾		500			
<input checked="" type="checkbox"/>	page	default ▾		2			
<input type="checkbox"/>	email	default ▾		michael.lawson@reqres.in			
<input type="checkbox"/>	job	default ▾		leader			
<input type="checkbox"/>	name	default ▾		morpheus			
<input checked="" type="checkbox"/>	resToken	default ▾		Missing Data			
	Add new variable						

