



United International University

Assignment-1

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Course: Software Testing and Quality Assurance

Course Code: CSE 4495

Section: A

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1st Test case:

assignment_1 by 011201039 / 1st request

GET https://dummy.restapiexample.com/api/v1/employees **Send**

Params Authorization Headers (6) Body Pre-request Script **Tests** Settings Cookies

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

Test scripts are written in JavaScript, and are run after the response is received. Learn more about [tests scripts](#)

Snippets
[Clear a collection variable](#)
[Send a request](#)
[Status code: Code is 200](#)
[Response body: Contains string](#)
[Response body: JSON value check](#)

Body Cookies Headers (16) **Test Results (1/1)** Status: 200 OK Time: 918 ms Size: 1.08 KB [Save Response](#)

All Passed Skipped Failed

PASS Status code is 200

assignment_1 by 011201039 / 1st request

GET https://dummy.restapiexample.com/api/v1/employees

Params Authorization Headers (6) Body Pre-request Script **Tests**

Query Params

KEY	VALUE
Key	Value

Body Cookies Headers (16) **Test Results (1/1)**

Pretty Raw Preview Visualize JSON

```
1 {
2   "status": "success",
3   "data": [
4     {
5       "id": 1,
6       "employee_name": "Tiger Nixon",
7       "employee_salary": 320800,
8       "employee_age": 61,
9       "profile_image": ""
10    },
11    {
12      "id": 2,
13      "employee_name": "Garrett Winters",
14      "employee_salary": 170750,
15      "employee_age": 63,
16      "profile_image": ""
17    }
18  ]
19 }
```

Description: This is 1st test case I used GET method to get all employee data, written test oracle to check return status 200 or not , got result in JSON format.

2nd Test Case:

assignment_1 by 011201039 / 2nd request Save

GET ▼ https://dummy.restapiexample.com/api/v1/employee/1

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (16) Test Results Status: 200 OK Time: 901 ms Size: 624 B

Pretty Raw Preview Visualize JSON ▼ ≡

```
1  {
2    "status": "success",
3    "data": {
4      "id": 1,
5      "employee_name": "Tiger Nixon",
6      "employee_salary": 320800,
7      "employee_age": 61,
8      "profile_image": ""
9    },
10   "message": "Successfully! Record has been fetched."
11 }
```

assignment_1 by 011201039 / 2nd request

GET ▼ https://dummy.restapiexample.com/api/v1/employee/4

Params Authorization Headers (6) Body Pre-request Script Tests ● Settings

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

Body Cookies Headers (16) Test Results (0/1)

Status: 200 OK

All Passed Skipped Failed

FAIL

Status code is 200 | AssertionError: expected response to have status code 700 but got 200

Description: This is second request, I used GET method to get data about a specific employee whose id number is 1. Intentionally changed test oracle & observed that test status not 700 so got assertion Error.

3rd Test Case:

assignment_1 by 011201039 / 3rd request

POST https://dummy.restapiexample.com/api/v1/create

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

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 [{"name": "Shafiul", "salary": "120000", "age": "23"}]
```


Body Cookies Headers (16) Test Results Status: 200 OK Time: 809 ms


Pretty Raw Preview Visualize JSON

```
1 {
2   "status": "success",
3   "data": {
4     "name": "Shafiul",
5     "salary": "120000",
6     "age": "23",
7     "id": 4273
8   },
9   "message": "Successfully! Record has been added."
10 }
```


Description: In 3rd request I used POST method to create new record , in body part I give input in JSON format then sent the request & got success status.

4th Test Case:

assignment_1 by 011201039 / 4th request  Save



PUT  https://dummy.restapiexample.com/api/v1/update/21

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

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** 

1 `{"name": "Mohaiminul islam", "salary": "123000", "age": "25"}`


Body Cookies Headers (16) Test Results Status: 200 OK Time: 1024 ms


Pretty Raw Preview Visualize **JSON**  

```
1 {
2   "status": "success",
3   "data": {
4     "name": "Mohaiminul islam",
5     "salary": "123000",
6     "age": "25"
7   },
8   "message": "Successfully! Record has been updated."
9 }
```

Description: In this test case I used PUT method to update an existing record of id 21, given input in body part then sent request & got success status.

5th Test Case:

assignment_1 by 011201039 / 5th request  Save


DELETE  → <https://dummy.restapiexample.com/api/v1/delete/2>

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description

Body Cookies Headers (16) Test Results Status: 200 OK Time: 797 ms

Pretty Raw Preview Visualize JSON 

```
1  {
2    "status": "success",
3    "data": "2",
4    "message": "Successfully! Record has been deleted"
5  }
```

Description: In this Test Case I used DELETE method to delete an existing record whose id is 2 & got this success status

6th Test case:

assignment_1 by 011201039 / 6th request Save

DELETE ▼ <https://dummy.restapiexample.com/api/v1/delete/0>

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description


Body Cookies Headers (14) Test Results Status: 400 Bad Request Time: 793 ms Size: 497 B


Pretty Raw Preview Visualize JSON ▼ ≡

```
1  {
2    "status": "error",
3    "message": "Not found record",
4    "code": 400,
5    "errors": "id is empty"
6  }
```

Description: In this Test Case I used Delete method again but changed the employee ID to 0, which does not exist in Database & got this error status

7th Test Case:

assignment_1 by 011201039 / 7th request  Save



GET  https://dummy.restapiexample.com/api/v1/employee/25

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description


Body Cookies Headers (16) Test Results Status: 200 OK Time: 2.41 s


Pretty Raw Preview Visualize JSON  

```
1 {  
2   "status": "success",  
3   "data": null,  
4   "message": "Successfully! Record has been fetched."  
5 }
```

Description: I used GET method but used an invalid employee ID so got null.

8th Test Case:

assignment_1 by 011201039 / 8th request 



GET  https://dummy.restapiexample.com/api/v1/employee/0

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description


Body Cookies Headers (13) Test Results Status: 400 Bad Request Time: 879 ms


Pretty Raw Preview Visualize JSON  

```
1  {
2    "status": "error",
3    "message": "Not found record",
4    "code": 400,
5    "errors": "id is empty"
6  }
```

Description: I used GET method but used an invalid employee ID 0, the record not found.

9th Test Case:

assignment_1 by 011201039 / 9th request  Si



PUT  <https://dummy.restapiexample.com/api/v1/update/27>

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

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description




Body Cookies Headers (16) Test Results Status: 200 OK Time: 951 ms


Pretty Raw Preview Visualize **JSON**  

```
1 {
2   "status": "success",
3   "data": {
4     "name": "kamran",
5     "salary": "123000",
6     "age": "23"
7   },
8   "message": "Successfully! Record has been updated."
9 }
```

Description: I used PUT method to update a record with employee ID 27 (not in valid range) & successfully updated the record previously it was null.

10th Test Case:

assignment_1 by 011201039 / 10th request    Sa



PUT  https://dummy.restapiexample.com/api/v1/update/27

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

	KEY	VALUE	DESCRIPTION
	Key	Value	Description

Body Cookies Headers (16) Test Results Status: 200 OK Time: 808 ms

Pretty Raw Preview Visualize JSON  

```
1 {  
2   "status": "success",  
3   "data": [],  
4   "message": "Successfully! Record has been updated."  
5 }
```

Description: I used PUT method to update a record but didn't give body input so got success message but data field empty.