

# **United International University**

## Assignment-1

Md. Shafiul Kamran

ID: 011201039

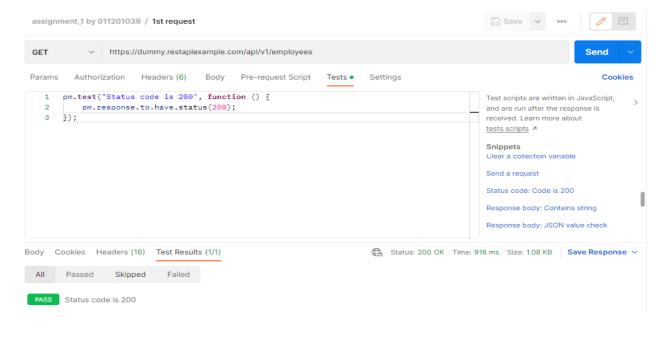
**Course: Software Testing and Quality Assurance** 

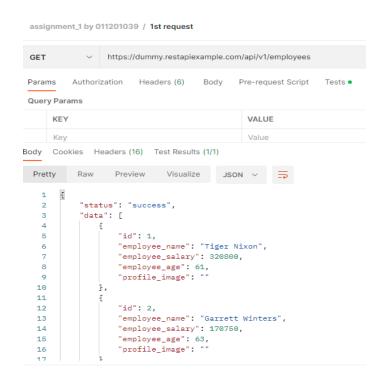
**Course Code**: CSE 4495

**Section**: A

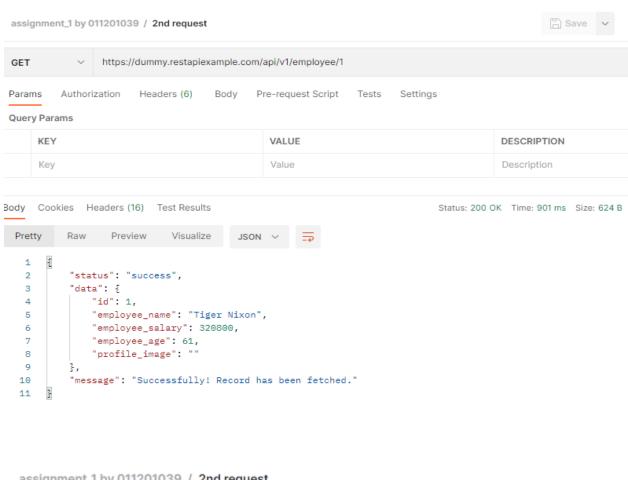
**Instructor: Md. Mohaiminul Islam** 

Department of Computer Science & Engineering.





Description: This is 1<sup>st</sup> 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.



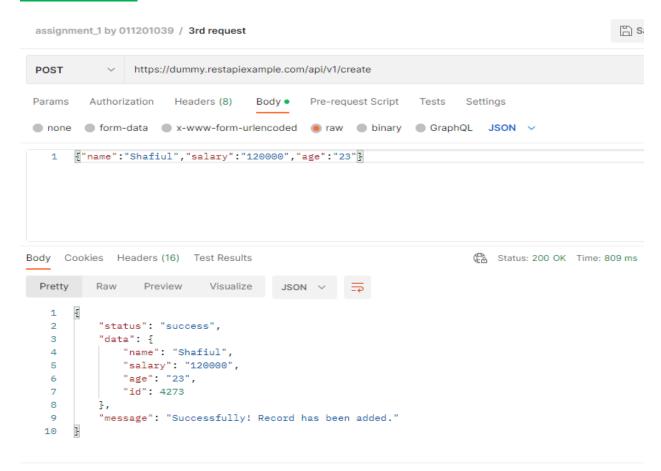
#### assignment\_1 by 011201039 / 2nd request

```
https://dummy.restapiexample.com/api/v1/employee/4
GET
Params
          Authorization
                         Headers (6)
                                        Body
                                                Pre-request Script
                                                                              Settings
                                                                    Tests •
       pm.test("Status code is 200", function () {
   2
            pm.response.to.have.status(700);
   3
       });
```

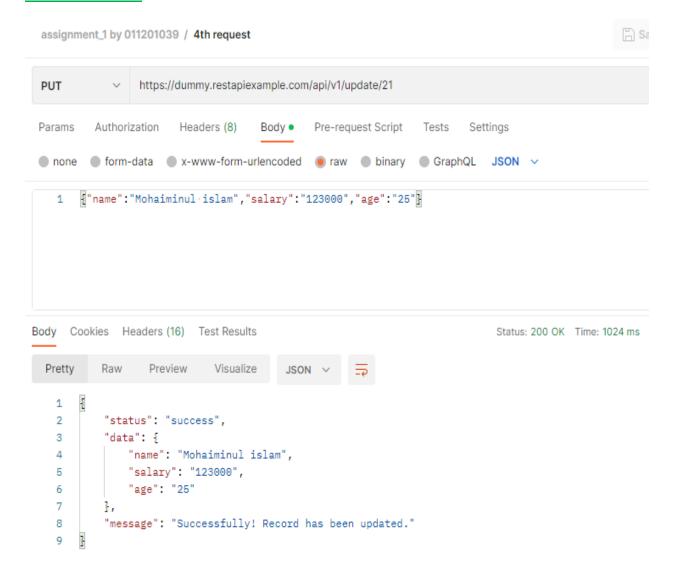


Description: This is second request, I used GET method to get data about a specific employee whose id number is 1. Intentionally changed test oracle & observed that test status not 700 so got assertion Error.

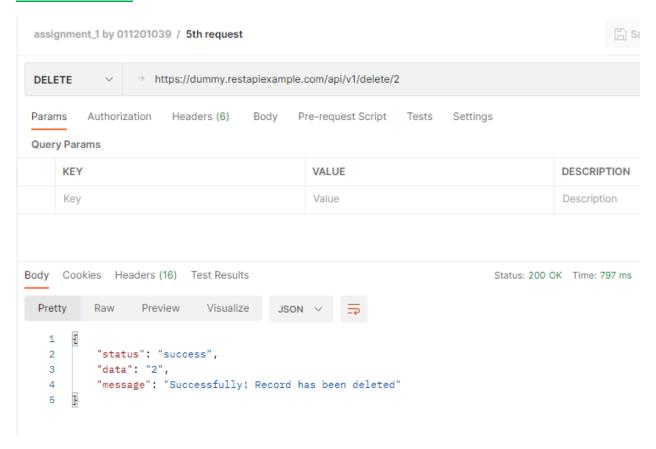
### 3<sup>rd</sup> Test Case:



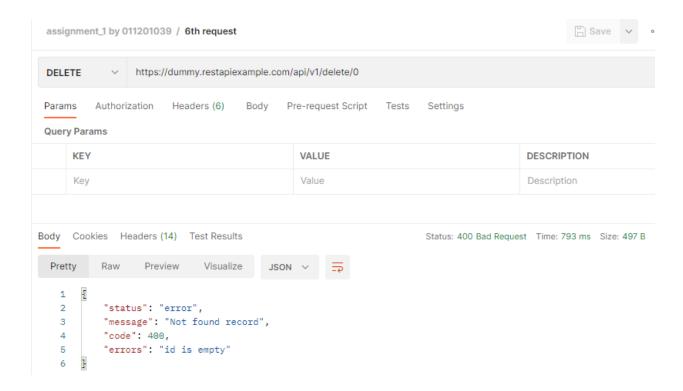
Description: In  $3^{rd}$  request I used POST method to create new record , in body part I give input in JSON format then sent the request & got success status.



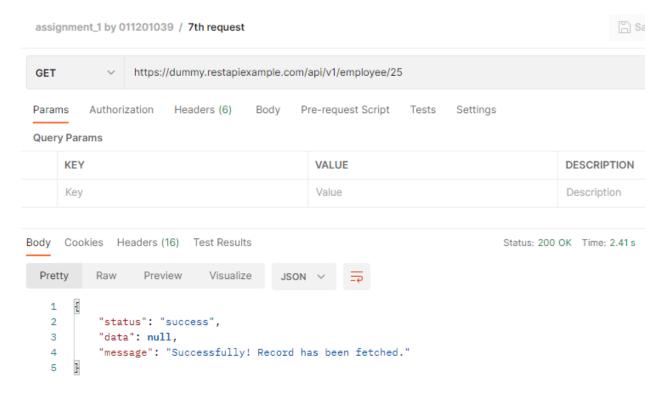
Description: In this test case I used PUT method to update an existing record of id 21, given input in body part then sent request & got success status.



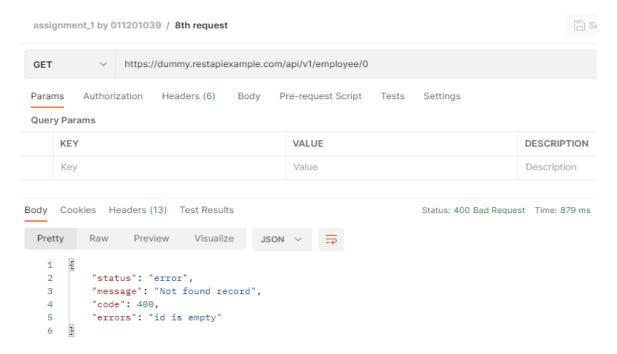
Description: In this Test Case I used DELETE method to delete an existing record whose id is 2 & got this success status



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

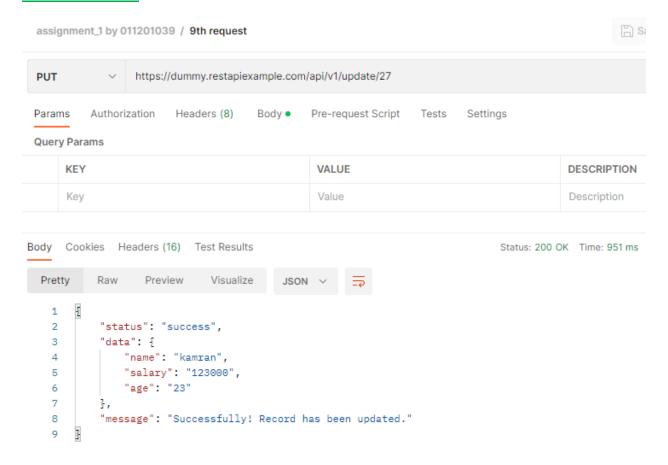


Description: I used GET method but used an invalid employee ID so got null.



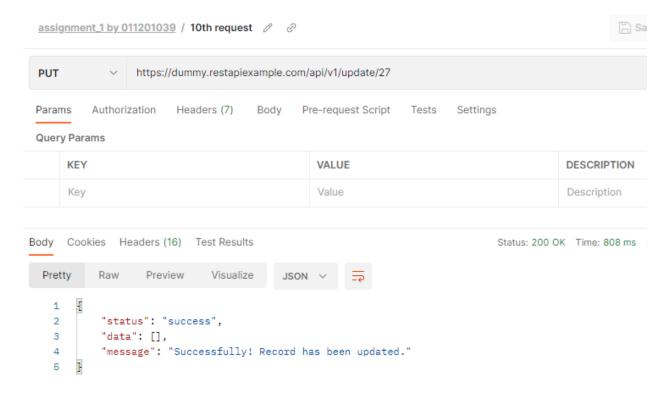
Description: I used GET method but used an invalid employee ID 0, the record not found.

## 9th Test Case:



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:



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