#### ITL LAB: EXPERIMENT 8

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UID: 2019140059

**CLASS: TE IT** 

**BATCH: D** 

**TOPIC:** Mulesoft

**AIM:** Perform CRUD operations and one additional operation (for example, handling files, sending emails, etc) on your own webservice using Mulesoft.

https://developer.mulesoft.com/tutorials-and-howtos/getting-started/hello-mule/

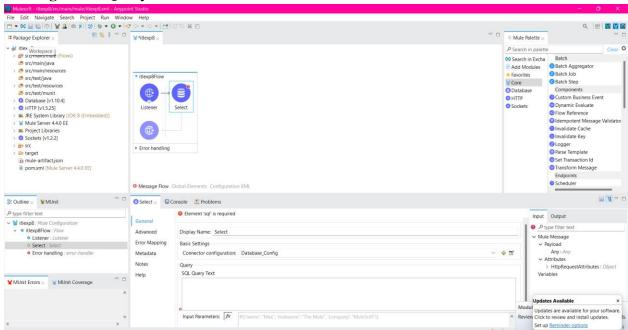
https://www.mulesoft.com/lp/dl/studio

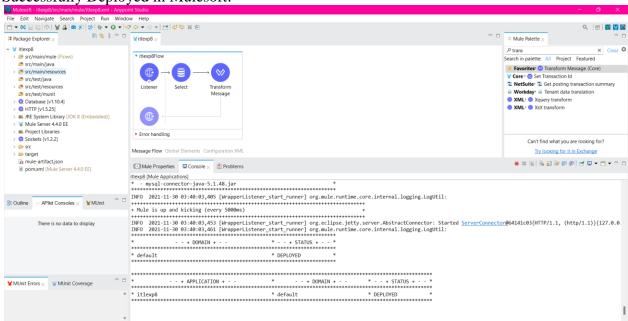
https://www.quora.com/How-does-MuleSoft-work

#### **OUTPUT:**

# Performing CRUD Operations :-

1. Using Select Query in Mulesoft to Get all values from Database :

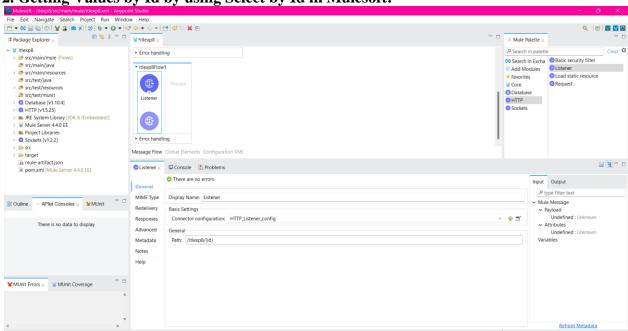


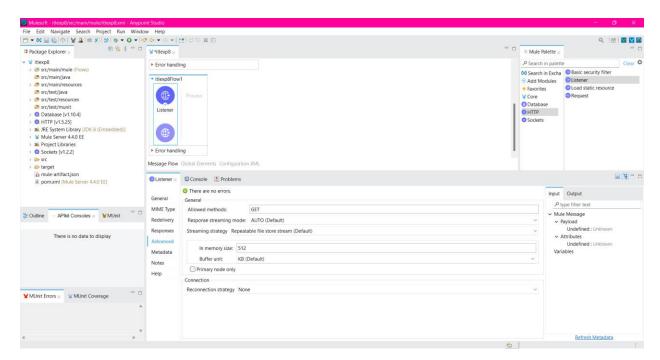


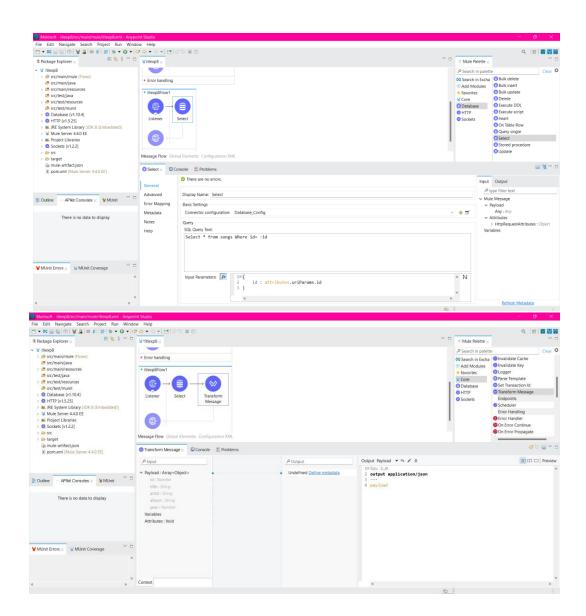
#### Texting GET in Postman:

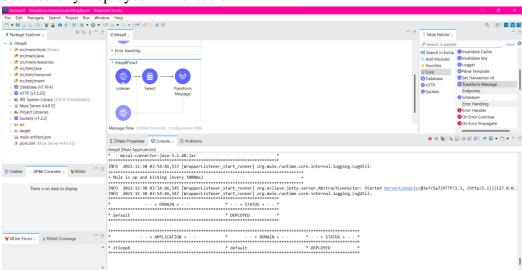
```
ITL Exp 8 / Testing Mulesoft
            http://localhost:8081/itlexp8/
 GET
Params Authorization Headers (6) Body Pre-request Script Tests Settings
                                                                                                                                                  Cookies
Body Cookies Headers (3) Test Results
                                                                                                 Status: 200 OK Time: 563 ms Size: 1.2 KB Save Response >
 Pretty
           Raw Preview Visualize JSON V
                                                                                                                                                  ■ Q
   1
                "artist": "Shreya Ghoshal, Arijit Singh",
                "year": 2018,
   4
                "album": "Jalebi",
                "artist": "Alka Yagnik, Arijit Singh",
  10
                "year": 2015,
  11
                "album": "Tamasha",
  12
  13
               "id": 2,
  14
               "title": "Agar Tum Saath Ho"
  16
               "artist": "Arijit Singh",
  17
               "year": 2016,
"album": "2 States",
  18
  19
                "id": 5.
  20
  21
               "title": "Mast Magan"
  22
  23
  24
               "artist": "P!nk, Willow Sage Hart",
```

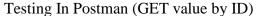
2. Getting Values by Id by using Select by Id in Mulesoft:

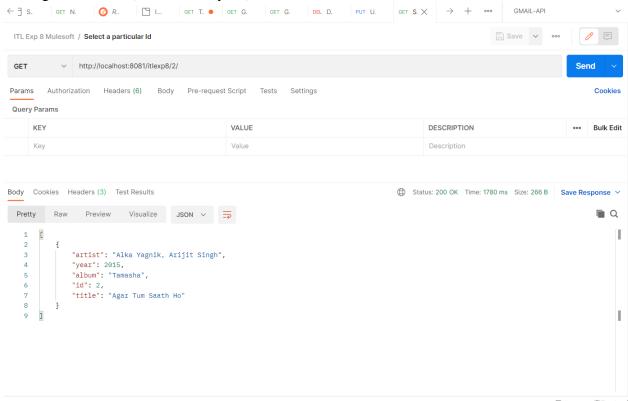




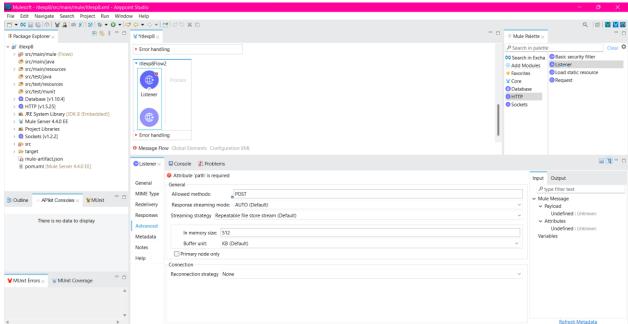


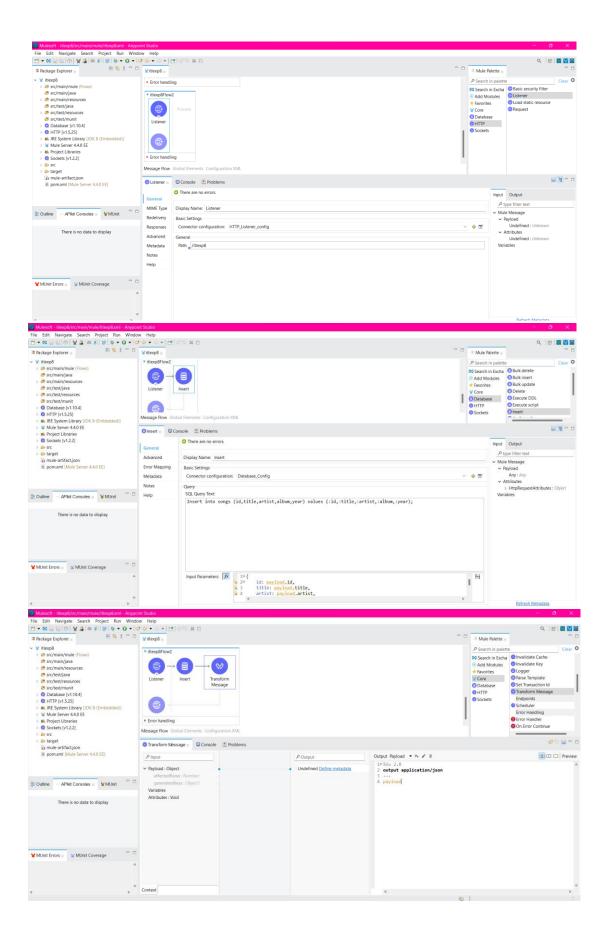


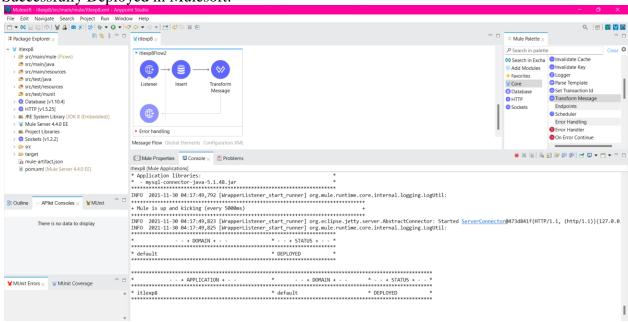




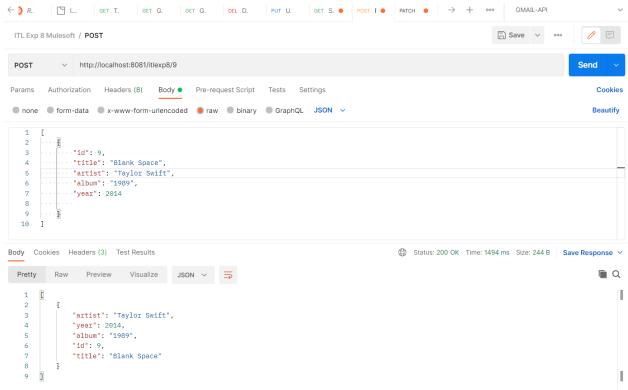
#### 3. Inserting New values using Mulesoft (POST):



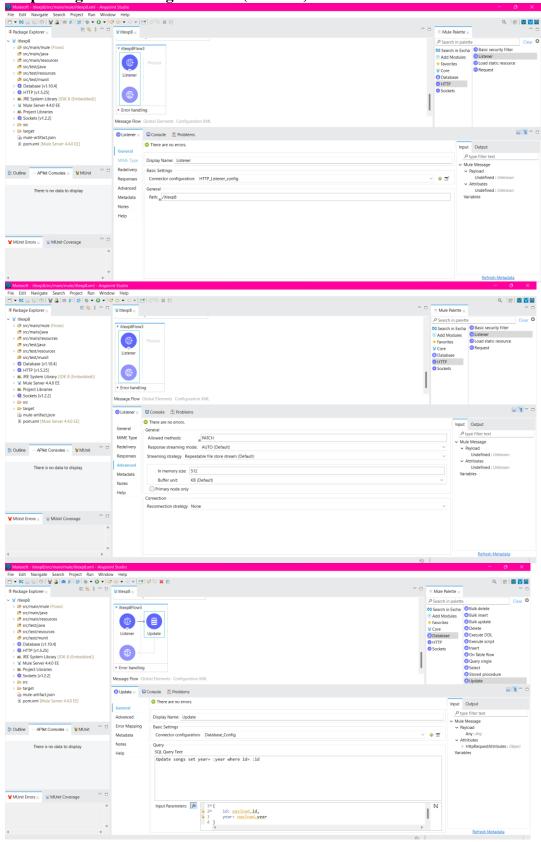


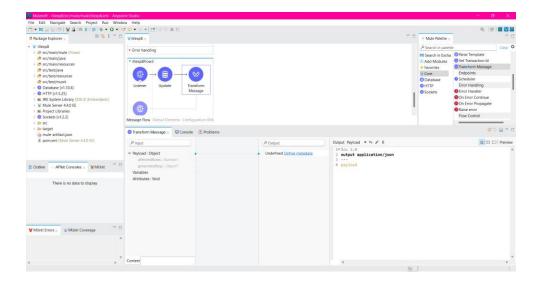


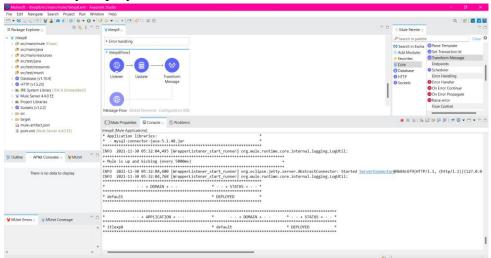
#### Testing in Postman:



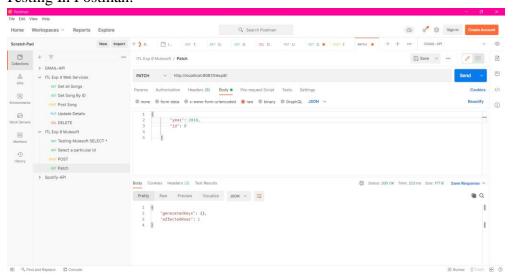
4. Updating Values using Mulesoft (PATCH):



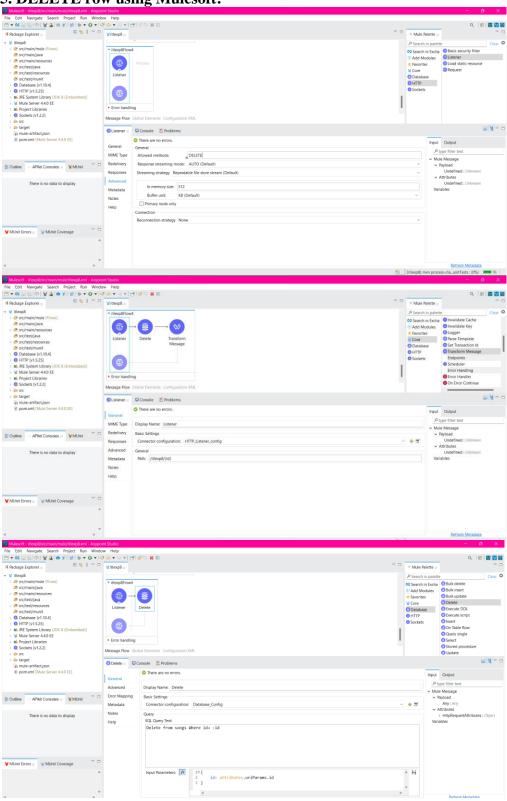


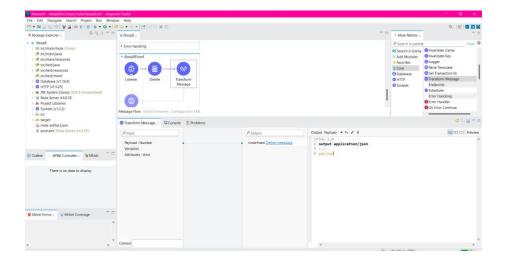


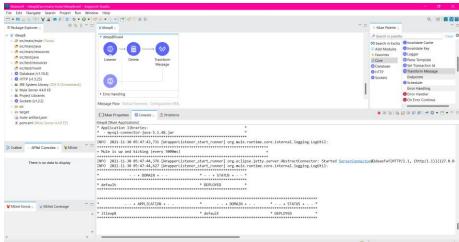
### Testing In Postman:



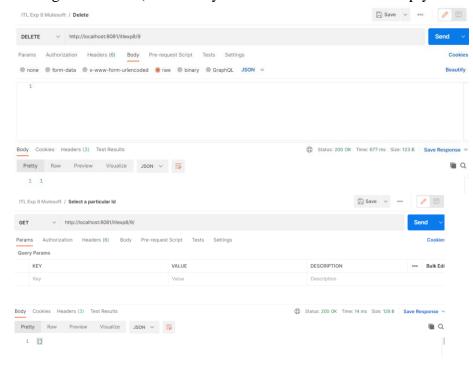
**5. DELETE row using Mulesoft:** 



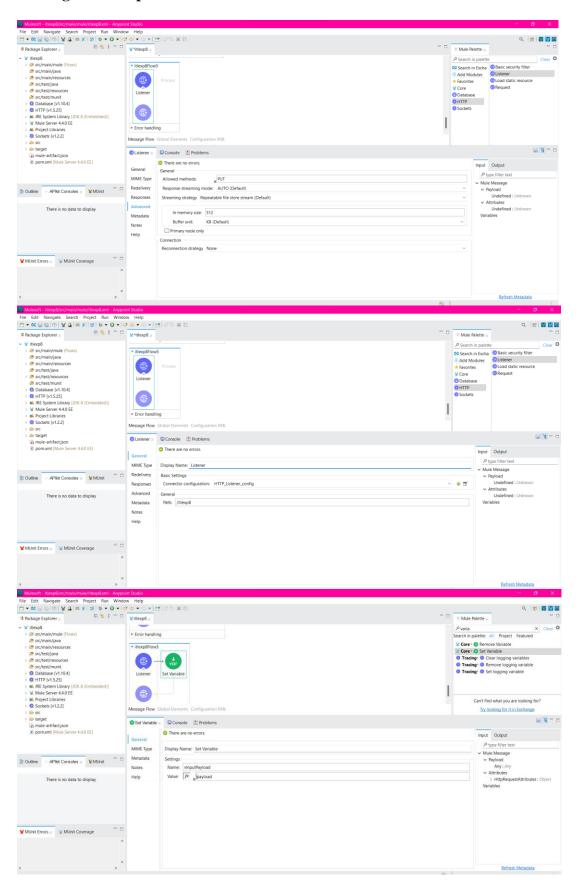


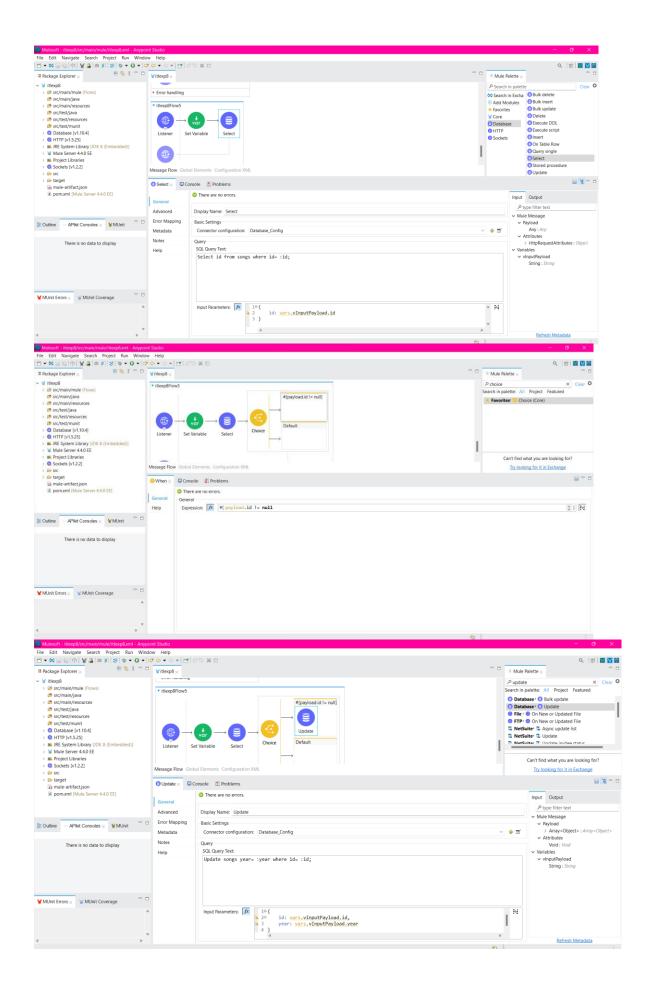


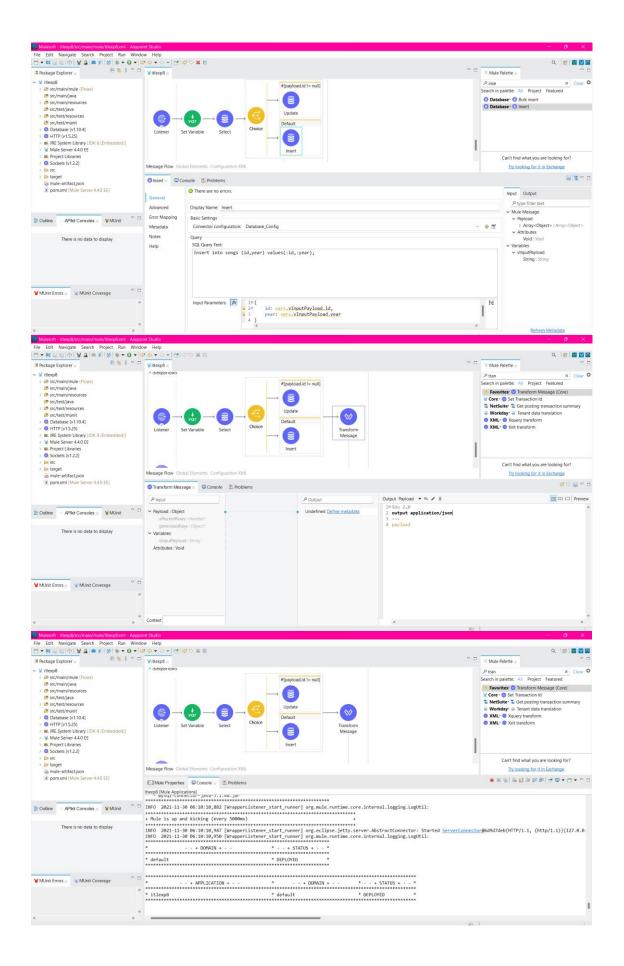
## Testing in Postman (Succesfully Deleted and hence shows empty set in GET for id=9):



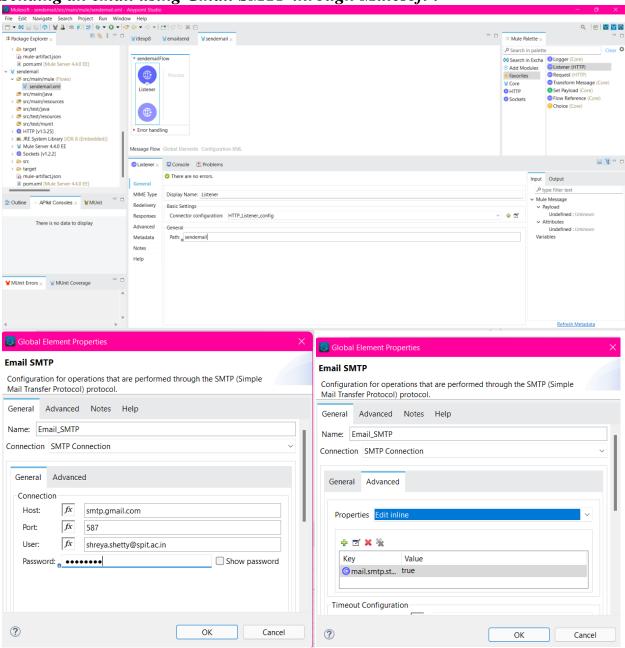
#### 6. Using PUT to update/add values:

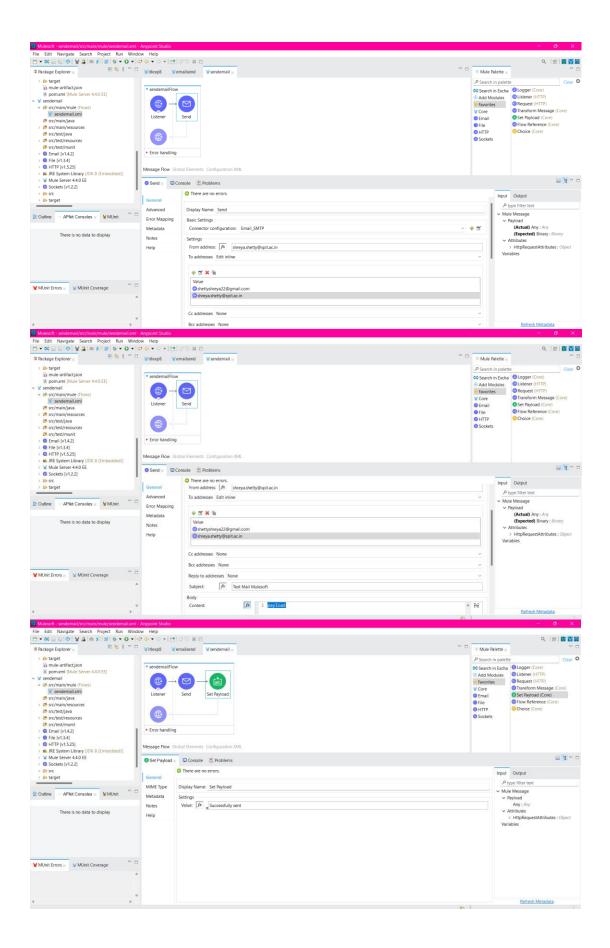






Sending an email using Gmail SMTP through Mulesoft:

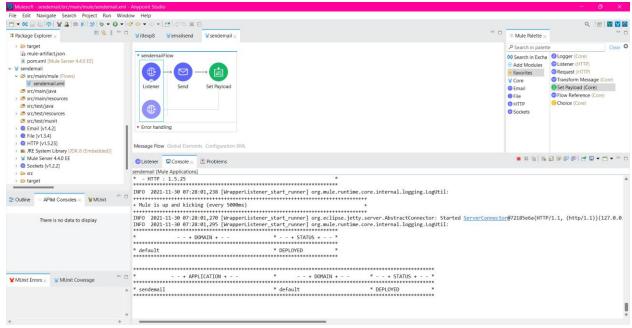




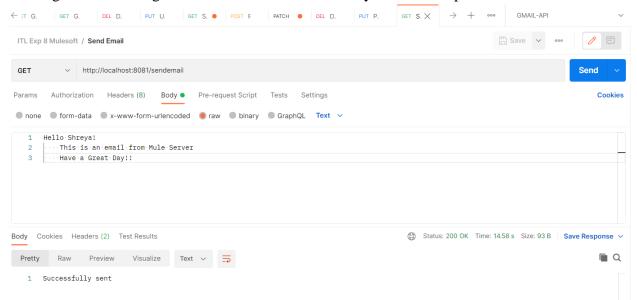
#### Changing Gmail account setting to allow less secure apps to send email:



### Successfully Deployed On Mulesoft:



#### Sending an Email using Postman results in 'Successfully Sent' in Output:



## Email received successfully:



## **CONCLUSION:**

In this experiment, I successfully deployed Mule project and performed the CRUD operations and implemented an operation of sending an email using Mulesoft.