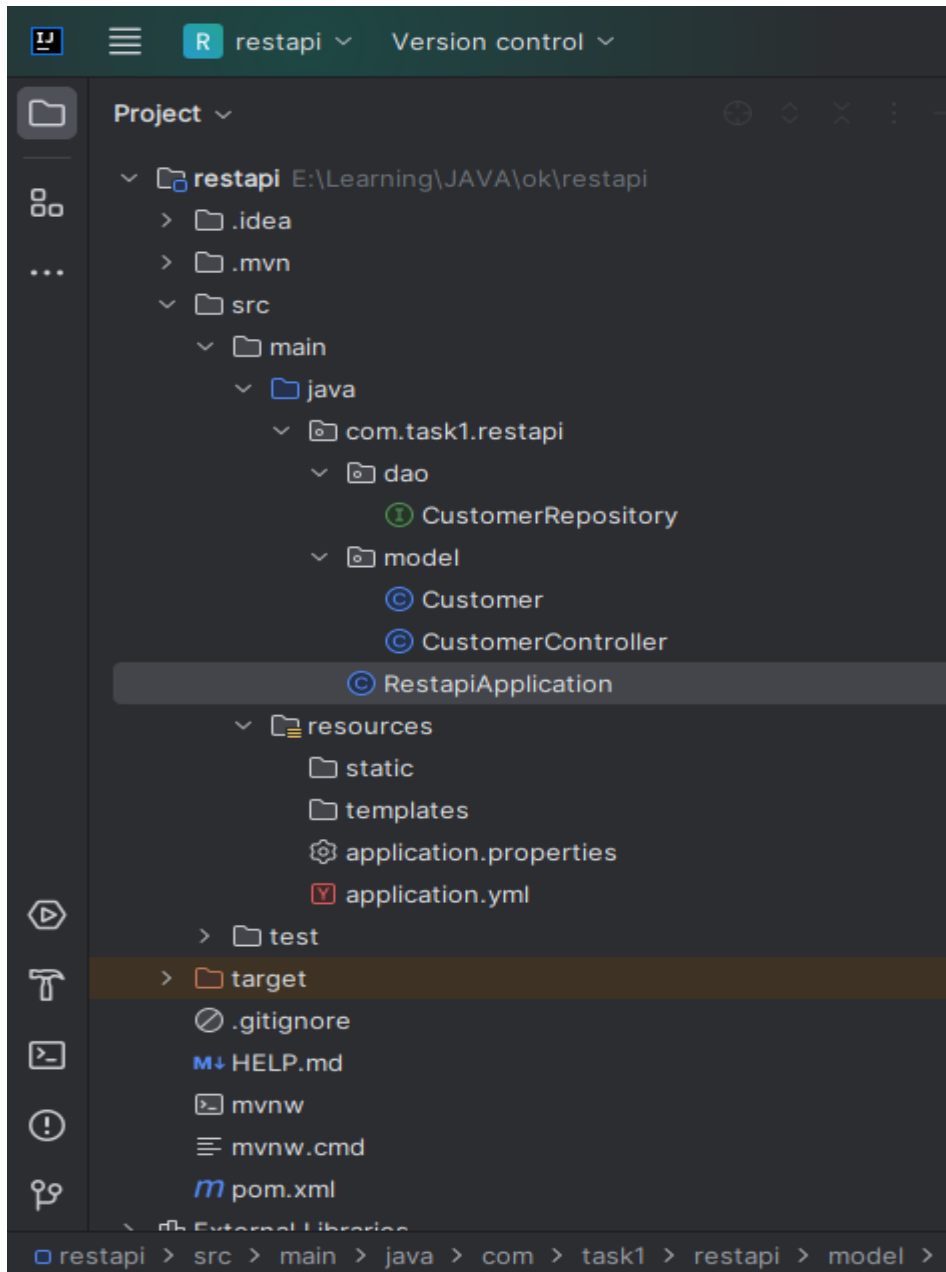


IMPLEMENTATION SCREENSHOTS AND RESULTS:

Project Files:

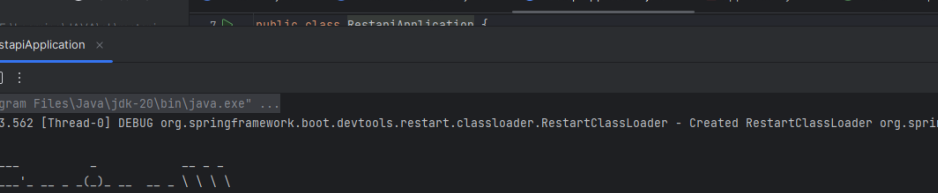


Created 2 packages → dao, model

Created java files: model → Customer, CustomerController

Created interface: dao → CustomerRepository

Port: 8080 (http)

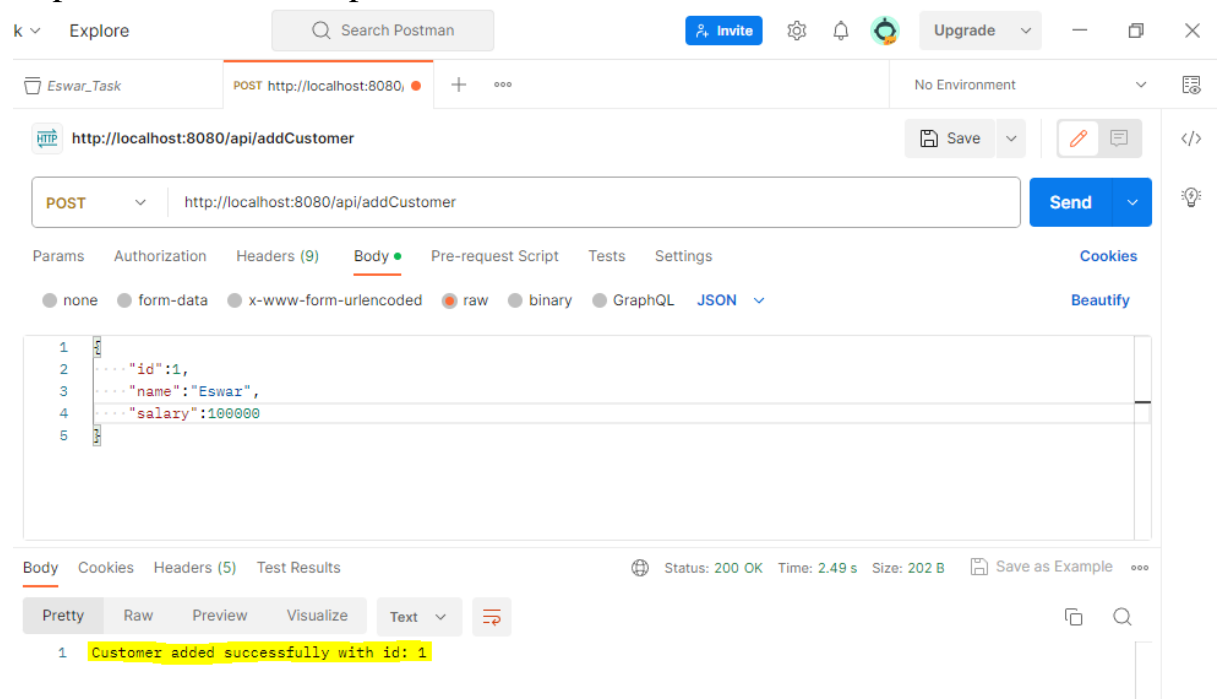


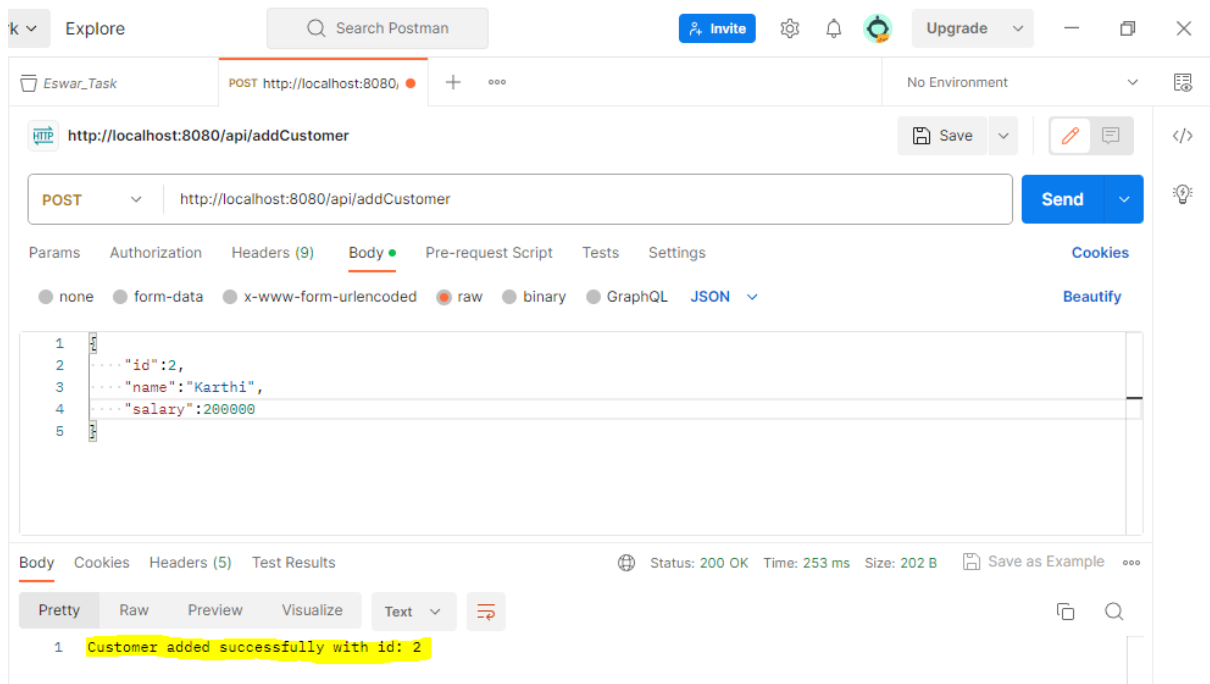
The screenshot shows an IDE with the `RestapiApplication.java` file open. The code defines a `RestapiApplication` class that implements `Application` and `CommandLineRunner`. It includes a `main` method and a `run` method that sets the application name to "restapi" and calls `runApplication`. The `Run` tab at the bottom shows the output of the application, which includes the Spring Boot logo and a series of log messages indicating the application is starting successfully. The logs show that the application is using Java 20.0.2 on ESWAR, and that the Spring Boot version is 3.3.0. The application is running on port 8080 (http).

Tool Postman (to perform CRUD Operations):

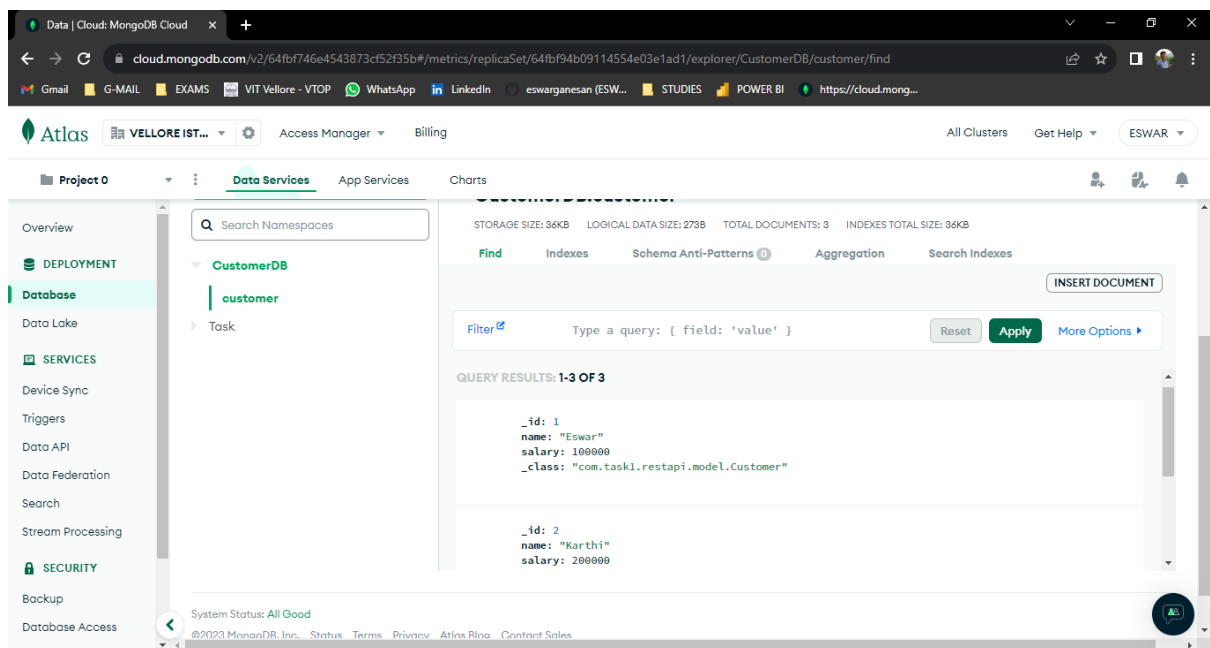
1. POST

http://localhost:8080/api/addCustomer

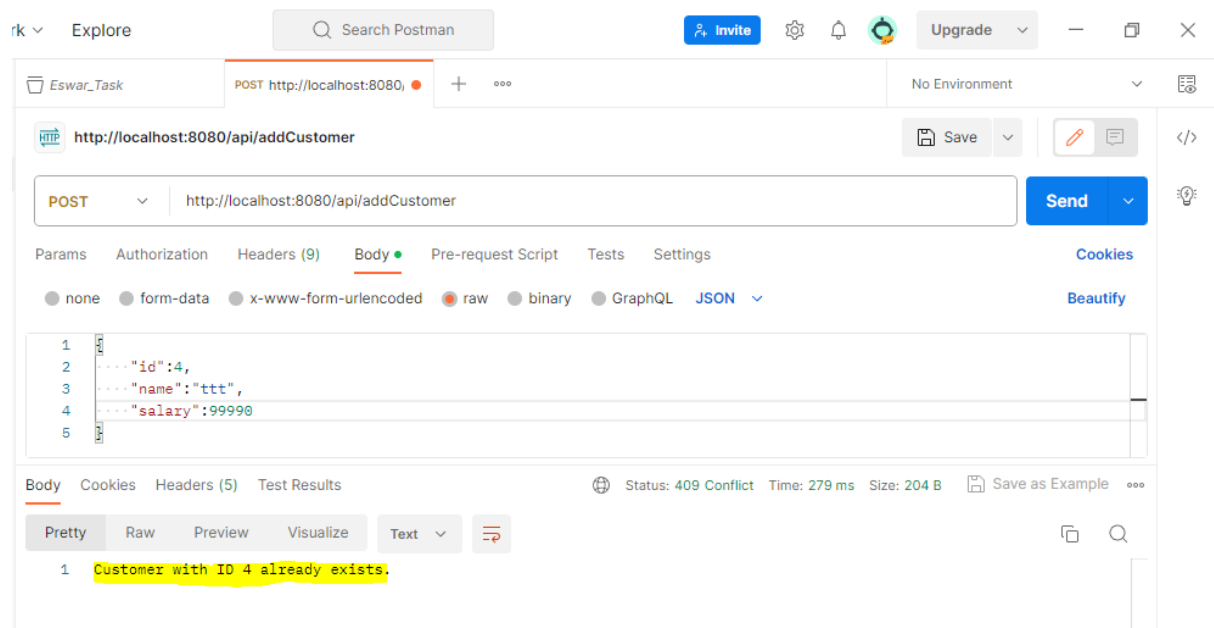




Database Result:

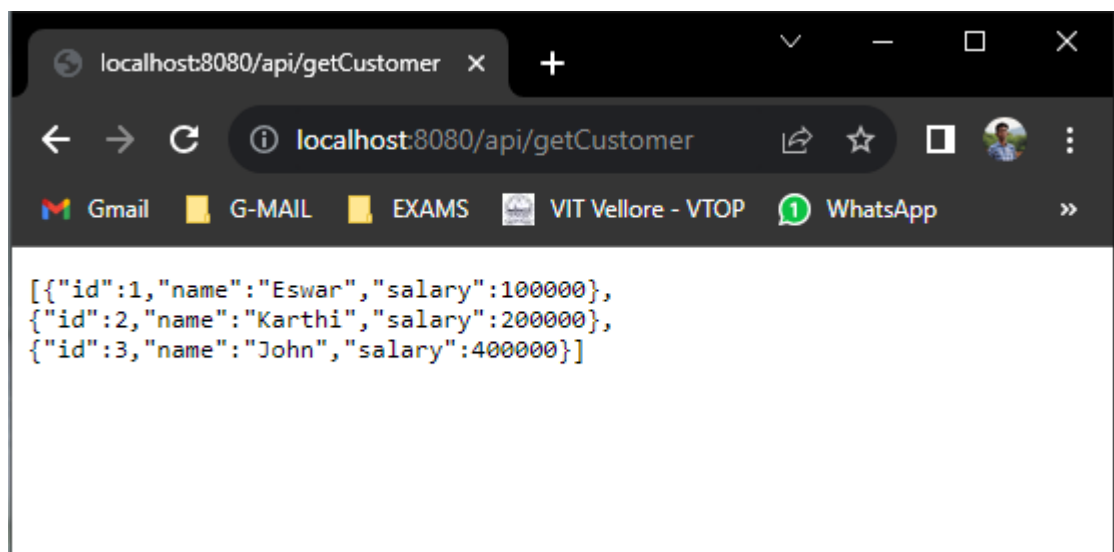


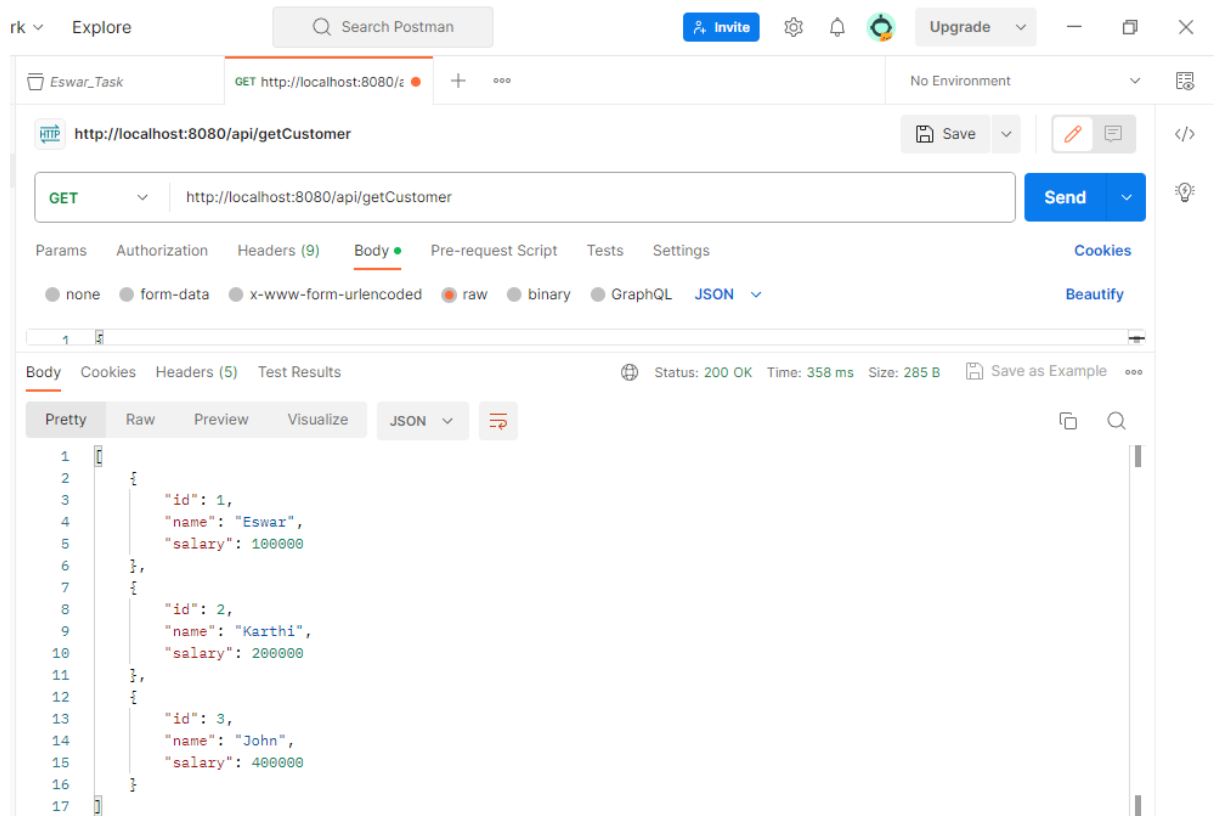
If already exists:



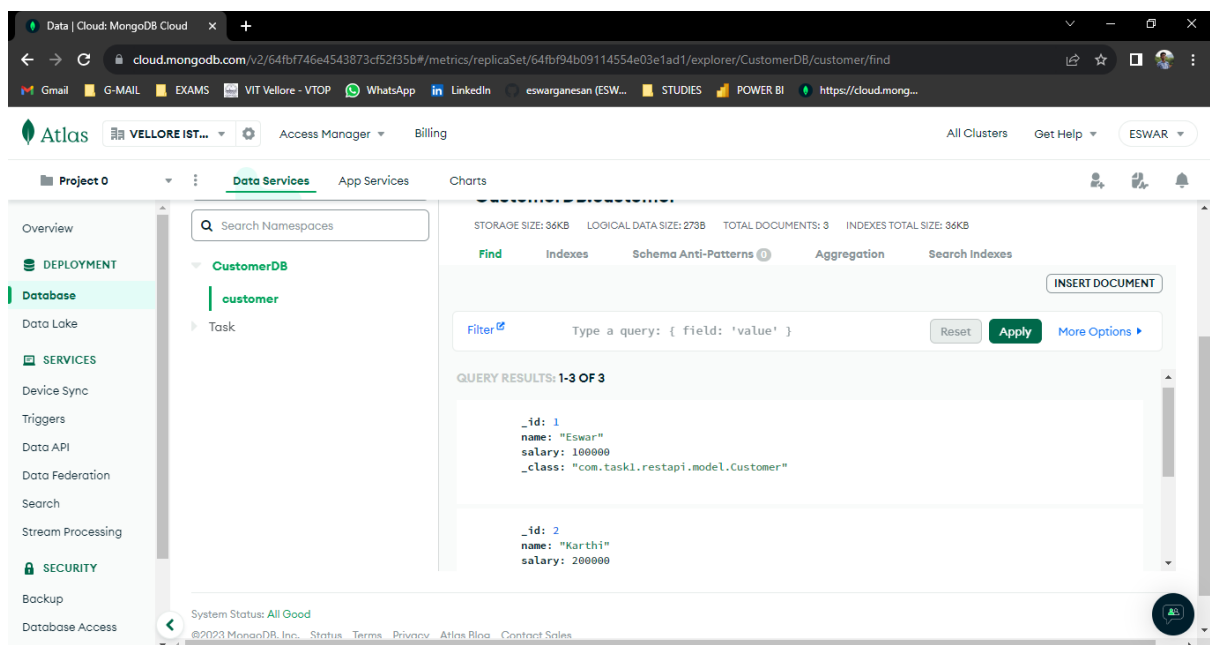
2. GET

`http://localhost:8080/api/getCustomer`





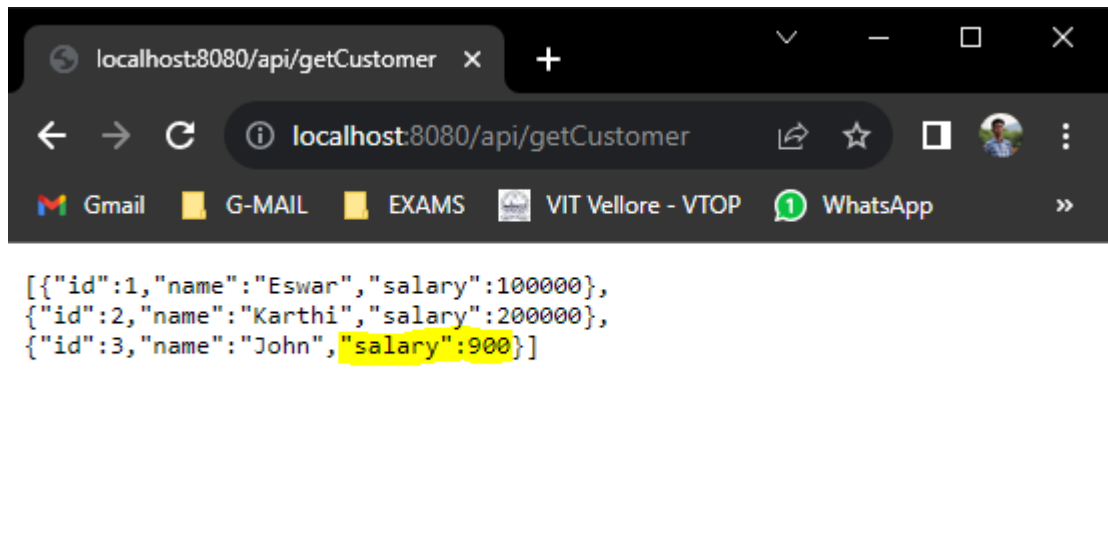
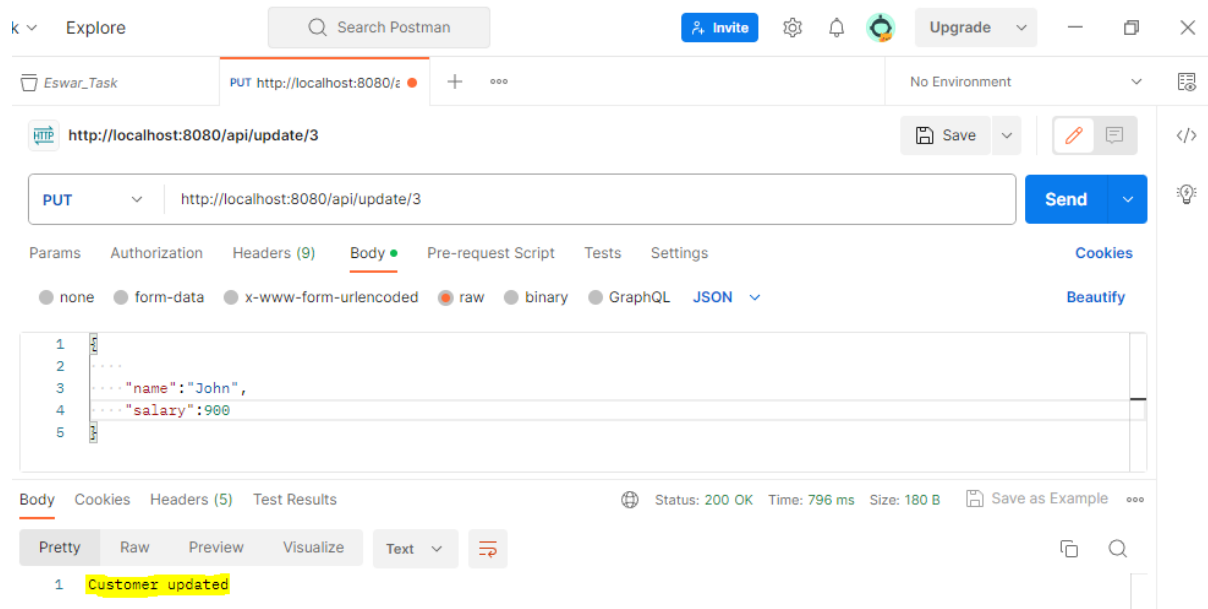
Database Result:



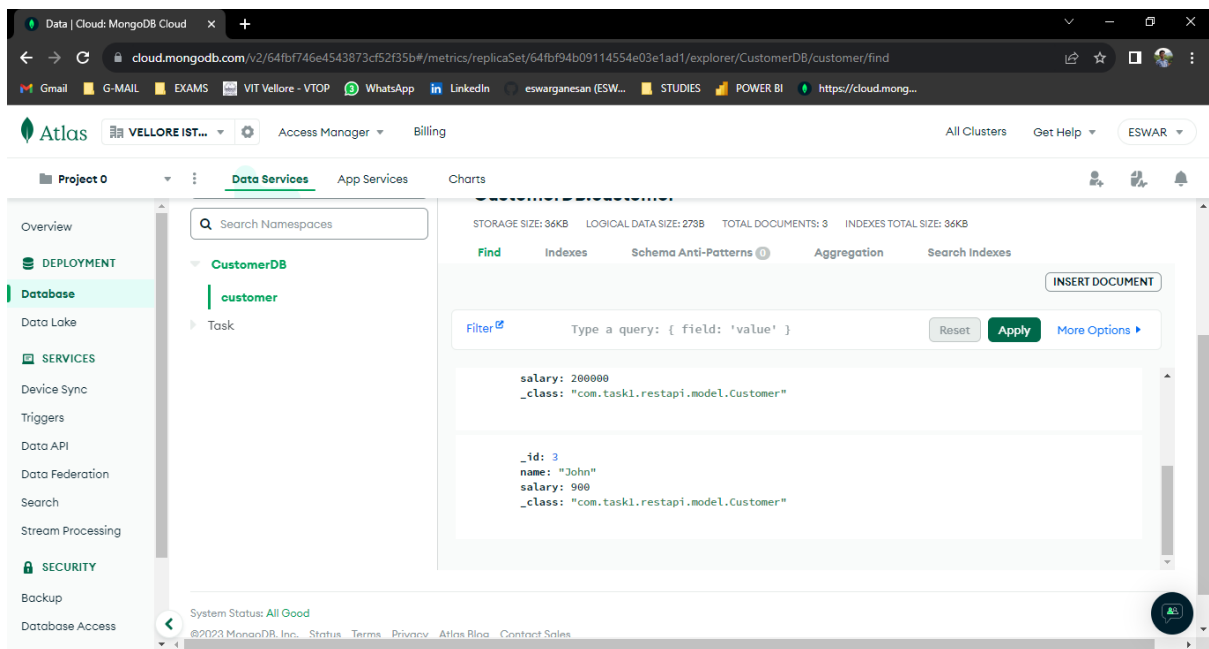
3. PUT

`http://localhost:8080/api/update/{id}`

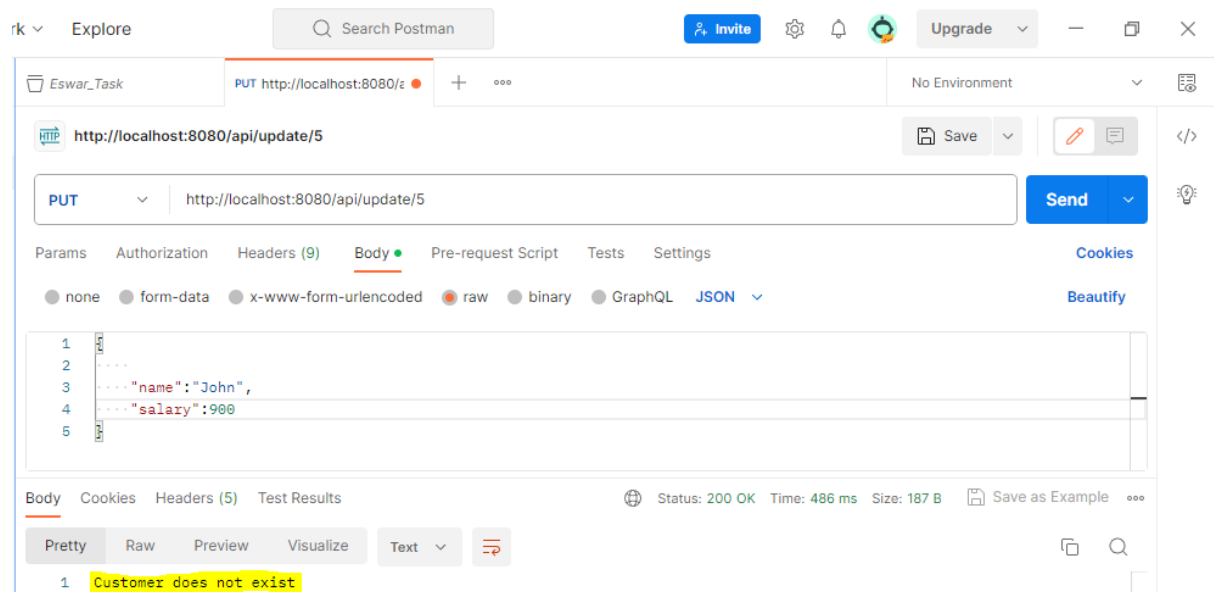
- If data exists in DB



Database result:



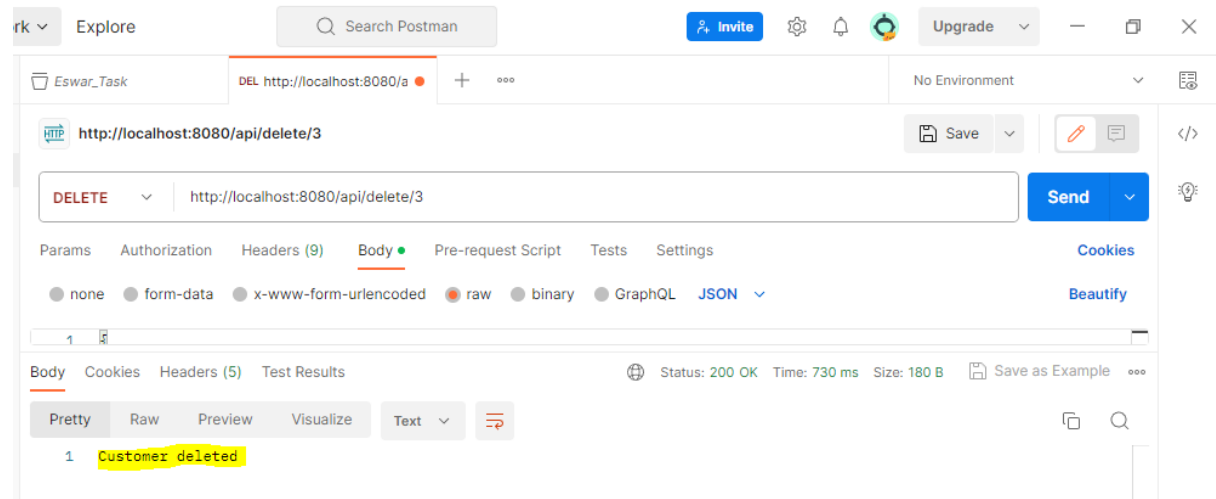
- If data does not exist in DB



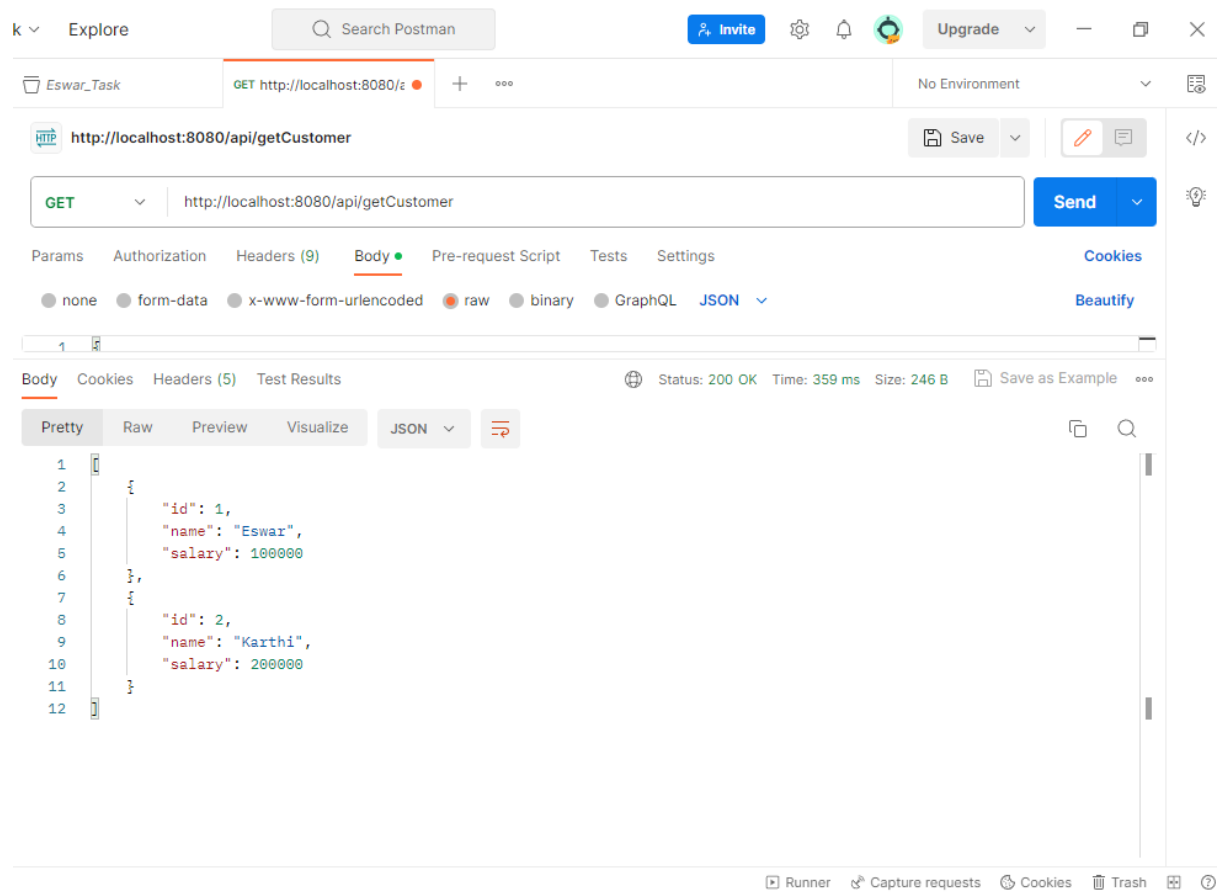
4. DELETE

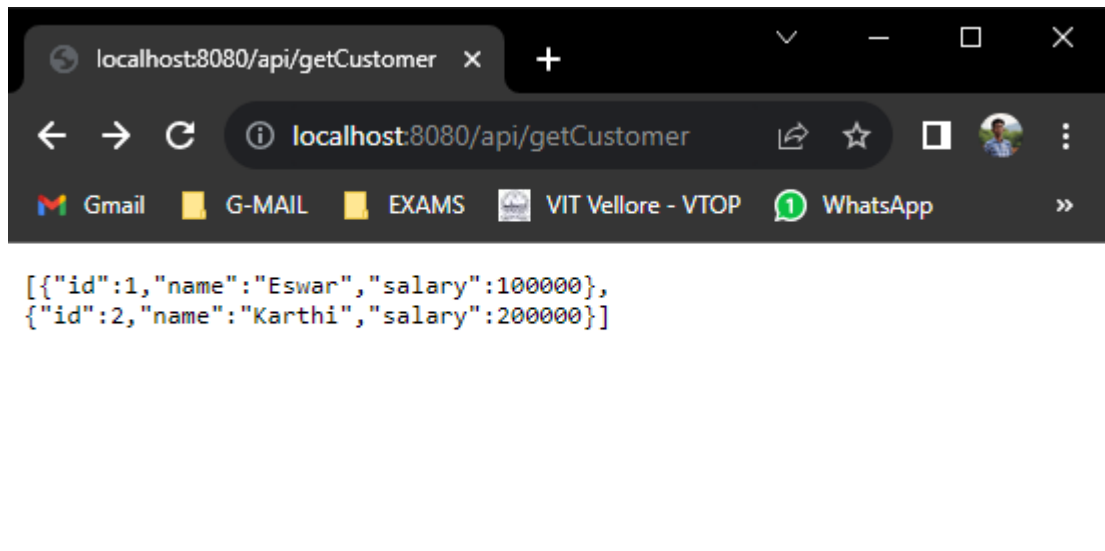
`http://localhost:8080/api/delete/{id}`

- If data exist in DB:

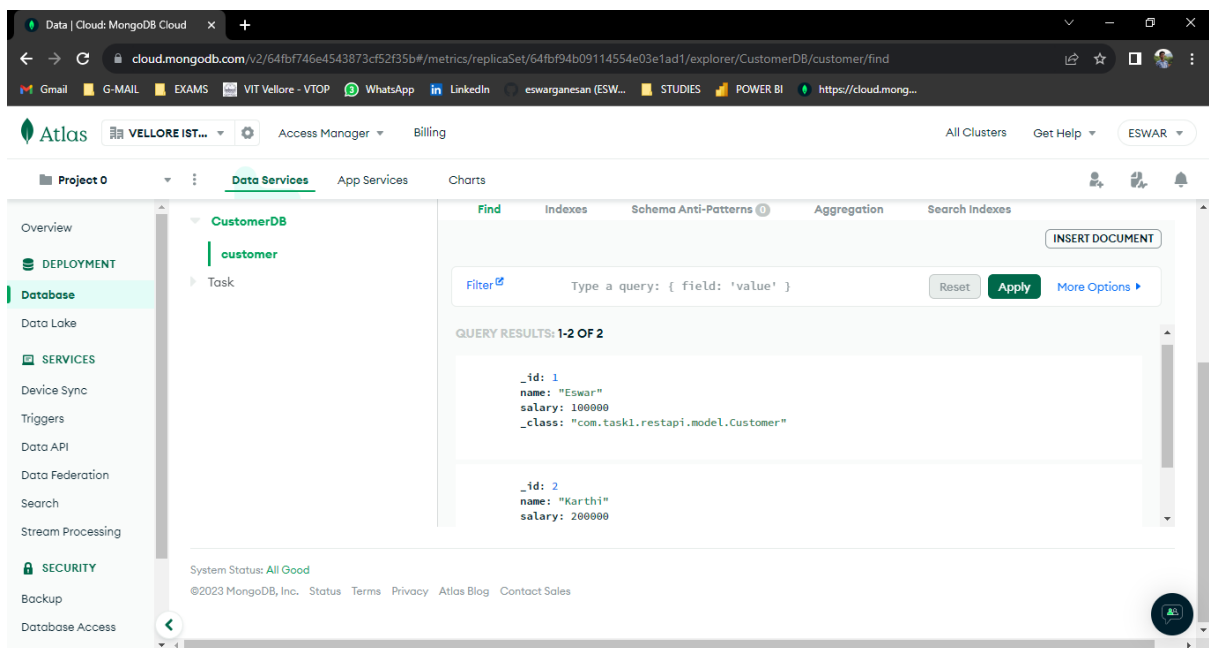


After Deleting:





Database result:



- **If data does not exist in DB:**

