**Flipr Placement – Backend Development Task**

E-commerce Backend Development

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* Create a database in PostgreSQL. ( Ecommerce )
* Restore the SQL file into the database.
* Open the command prompt in the project folder directory.
* Create Virtual Enviroment - python -m venv venv
* Activate the virtual environment with - venv\Scripts\activate.
* Install the required dependencies using - pip install -r requirements.txt.
* Run the Python application with - python app.py.
* And refer to the Screenshots folder

now on postman

**1. Sign Up User** - http://localhost:5000/signup (POST)

Body, raw, JSON:

{

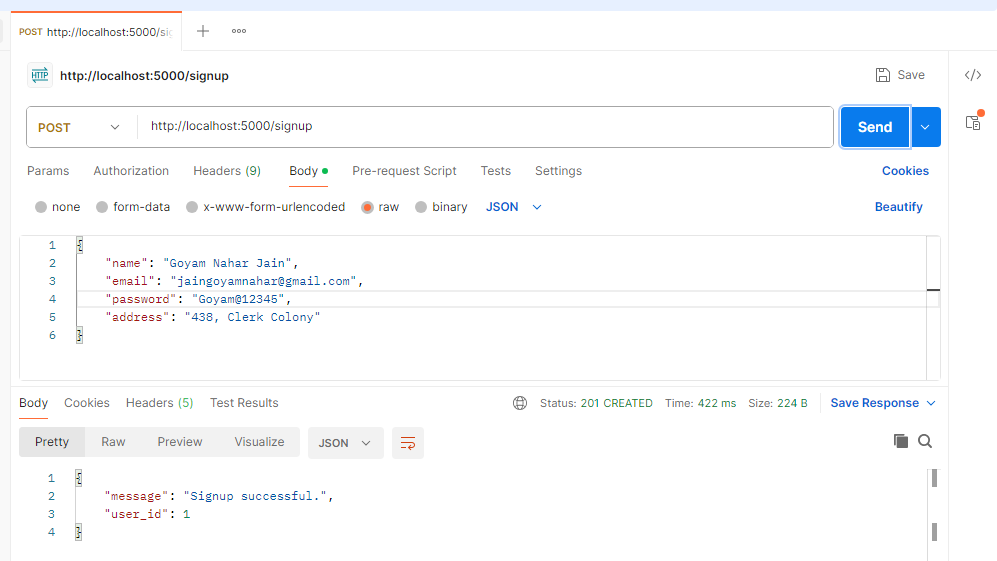
"name": "Goyam Nahar Jain",

"email": "jaingoyamnahar@gmail.com",

"password": "Goyam@12345",

"address": "438, Clerk Colony"

}



**2. Sign in user** - http://localhost:5000/signin (POST)

Body, raw, JSON:

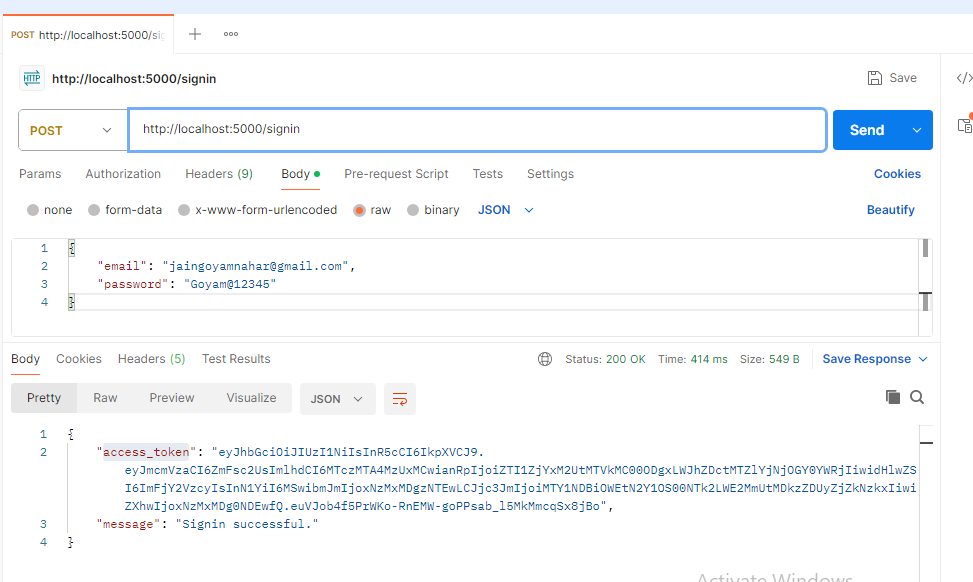
{

"email": "jaingoyamnahar@gmail.com",

"password": "Goyam@12345"

}

Copy access\_token from the output



**3. Add Product** - http://localhost:5000/addproduct (POST)

Header:

Key: Authorization

Value: Bearer (access-token)

Body, raw, JSON:

{

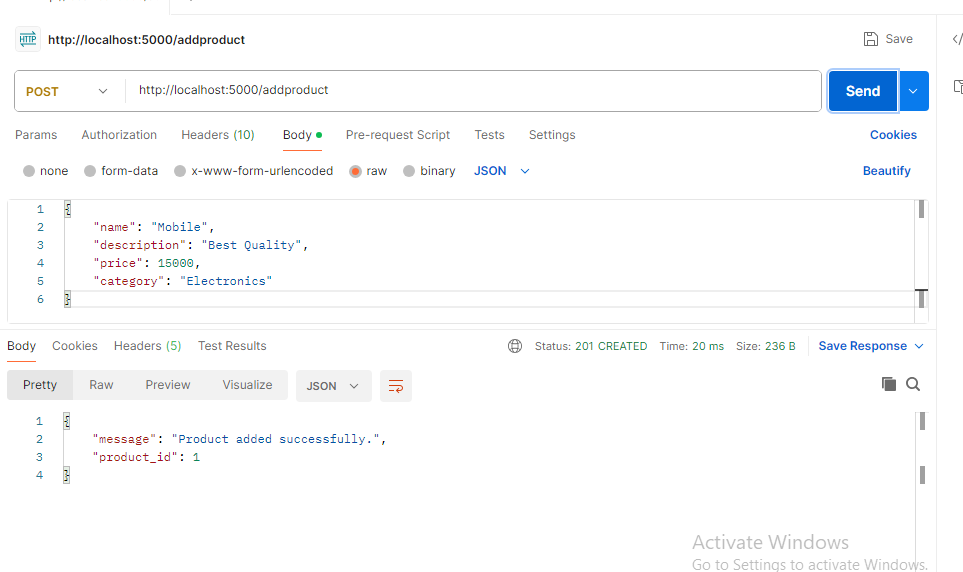
"name": "Mobile",

"description": "Best Quality",

"price": 15000,

"category": "Electronics"

}



**4. Update Product** - http://localhost:5000/updateproduct/1 ( PUT )

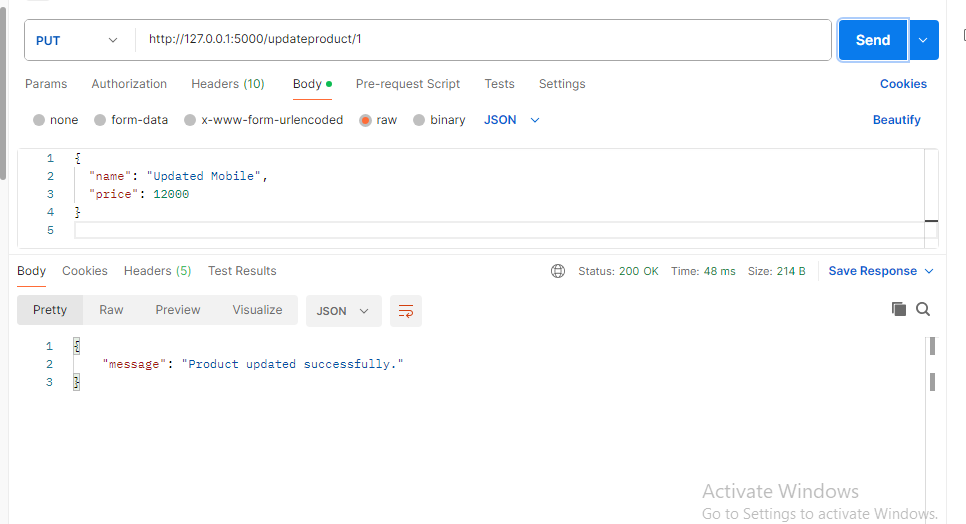
Headers: Add the Authorization header with the JWT token.

{

"name": "Updated Mobile",

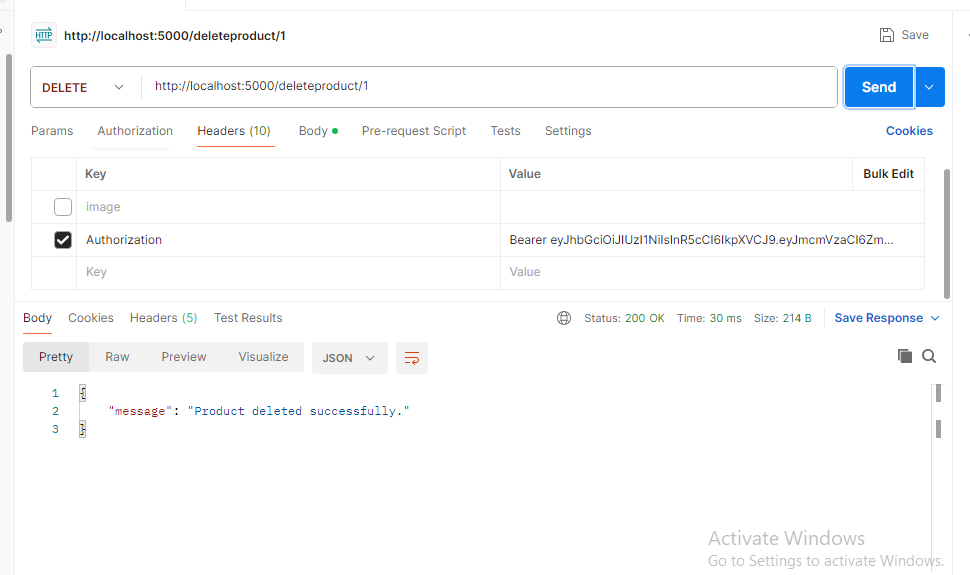
"price": 12000

}



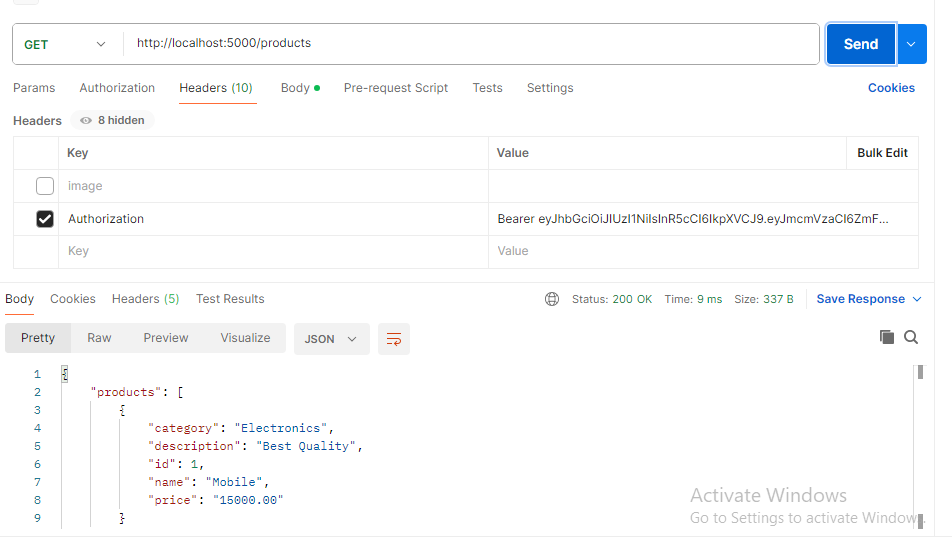
**5. Delete Product** - http://localhost:5000/deleteproduct/1 ( DELETE )

Headers: Add the Authorization header with the JWT token.



**6. Get All Products** - http://localhost:5000/products (GET)

Headers: Add the Authorization header with the JWT token.



**7. Add to Cart** - http://localhost:5000/cart/add (POST)

Headers: Add the Authorization header with the JWT token.

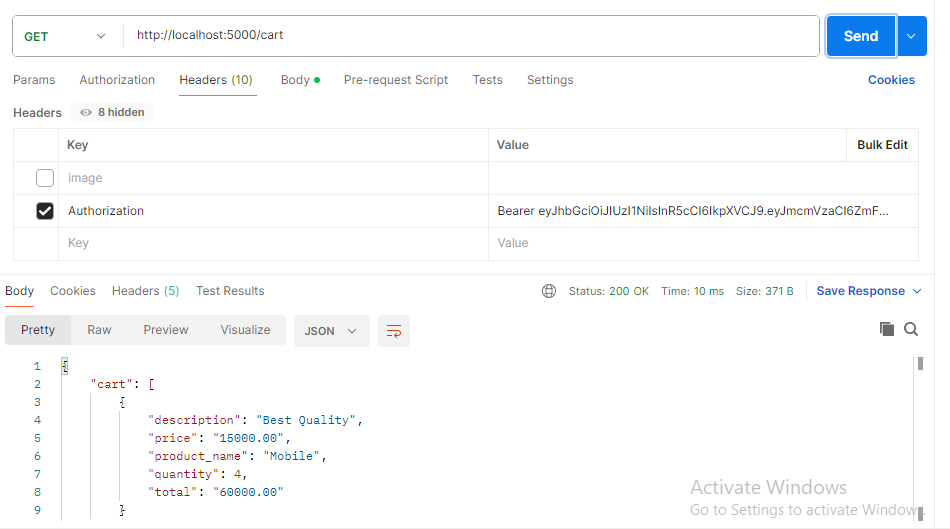
Body, raw, JSON:

{

"product\_id": 1,

"quantity": 2

}



**8. Update Cart** - http://localhost:5000/cart/update ( PUT )

Headers: Add the Authorization header with the JWT token.

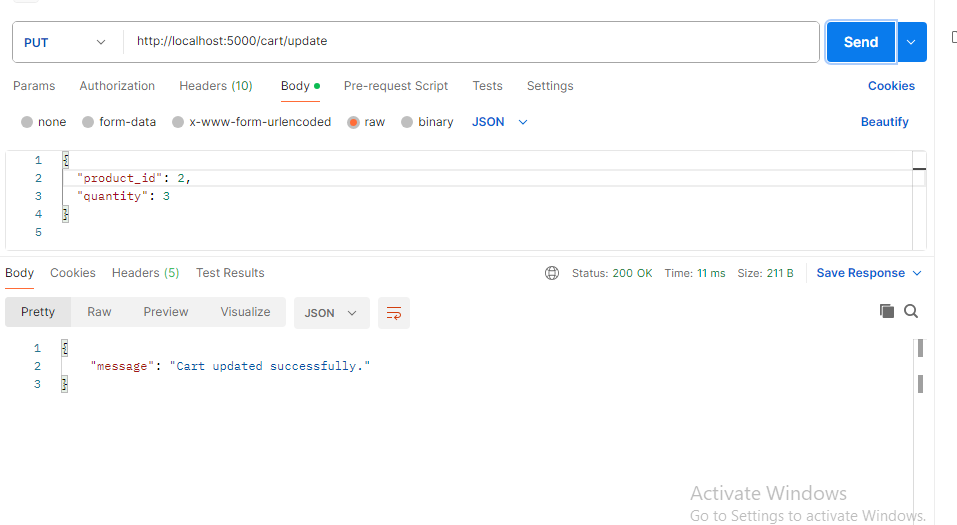
Body, raw, JSON:

{

"product\_id": 1,

"quantity": 3

}



**9. Delete Product from Cart** - http://localhost:5000/cart/delete ( DELETE )

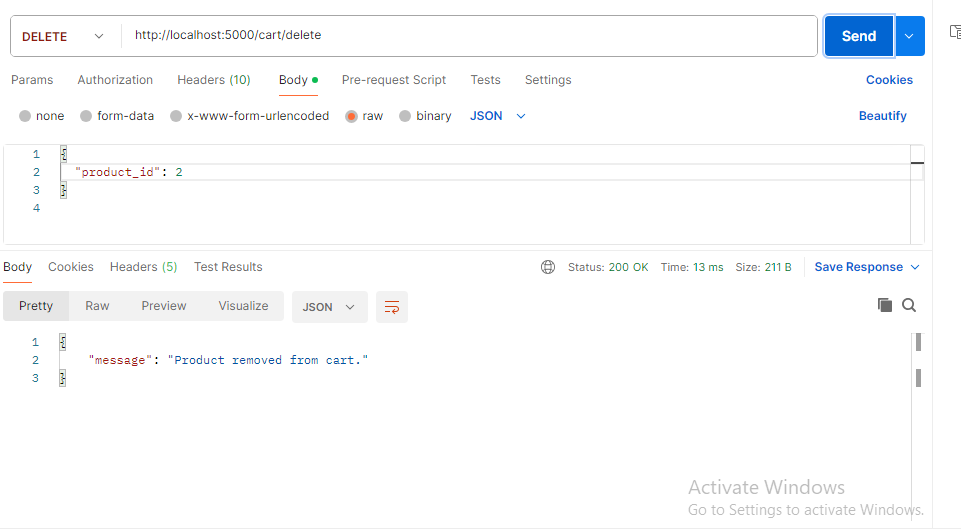
Headers: Add the Authorization header with the JWT token.

Body, raw, JSON:

{

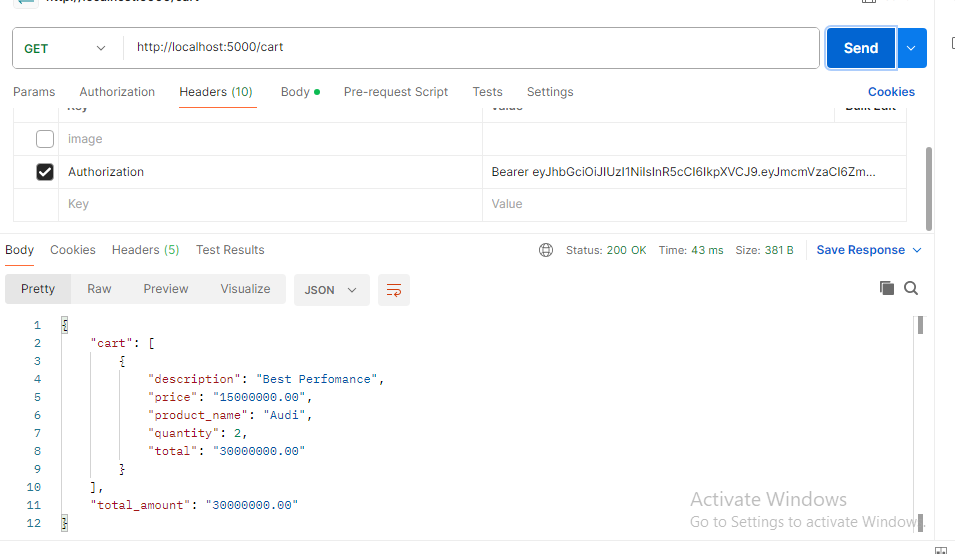
"product\_id": 2

}



**10. Get Cart** - http://localhost:5000/cart (GET)

Headers: Add the Authorization header with the JWT token.



**11. Place Order** - http://localhost:5000/placeorder (POST)

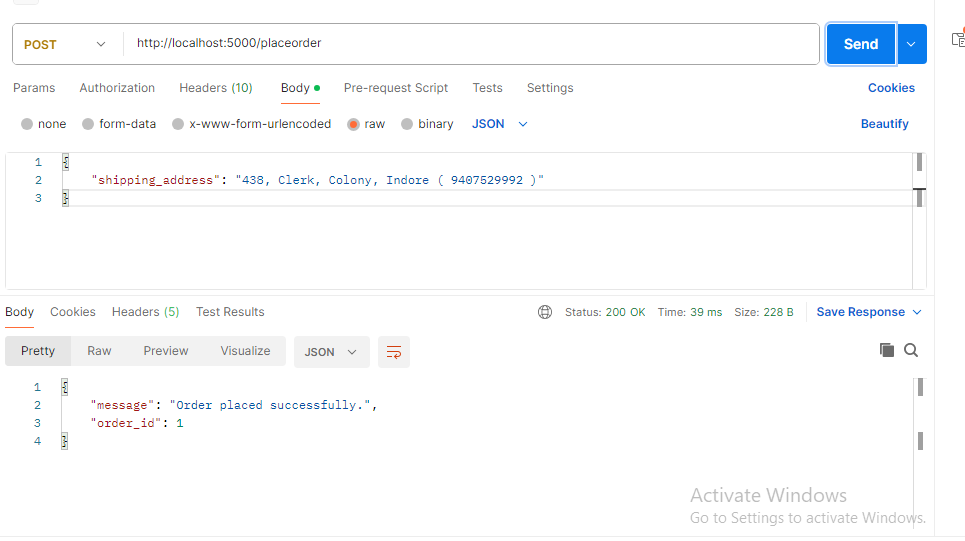
Headers: Add the Authorization header with the JWT token.

Body, raw, JSON:

{

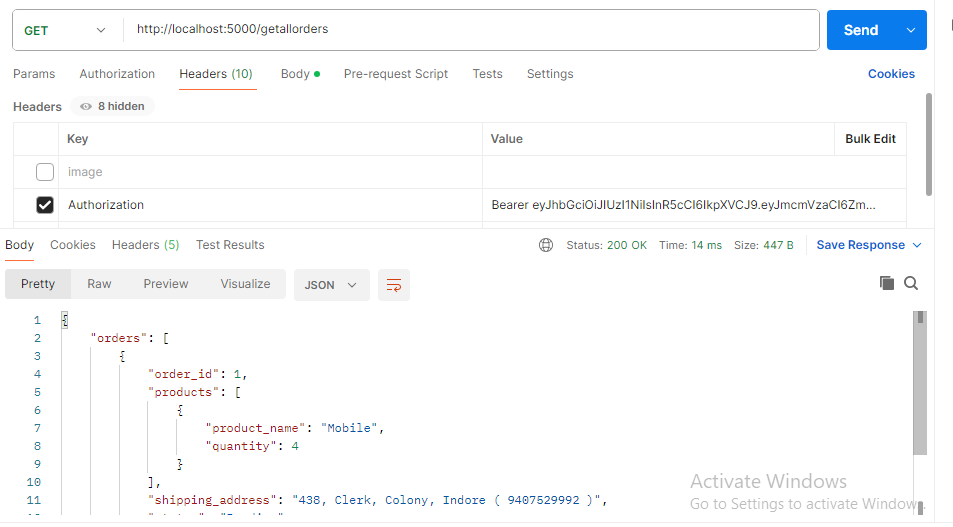
"shipping\_address": "438, Clerk, Colony, Indore ( 9407529992 )"

}



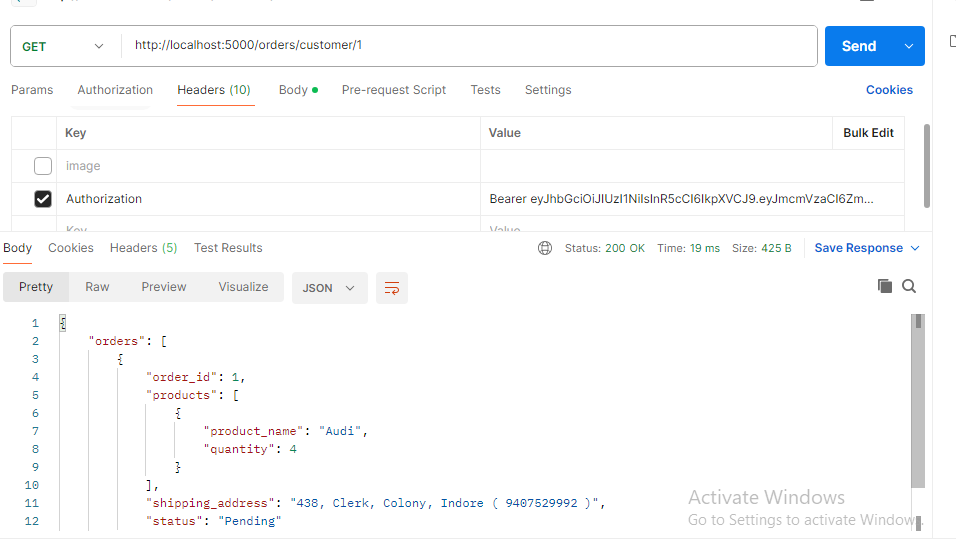
**12. Get All Orders** - http://localhost:5000/getallorders ( GET )

Headers: Add the Authorization header with the JWT token.

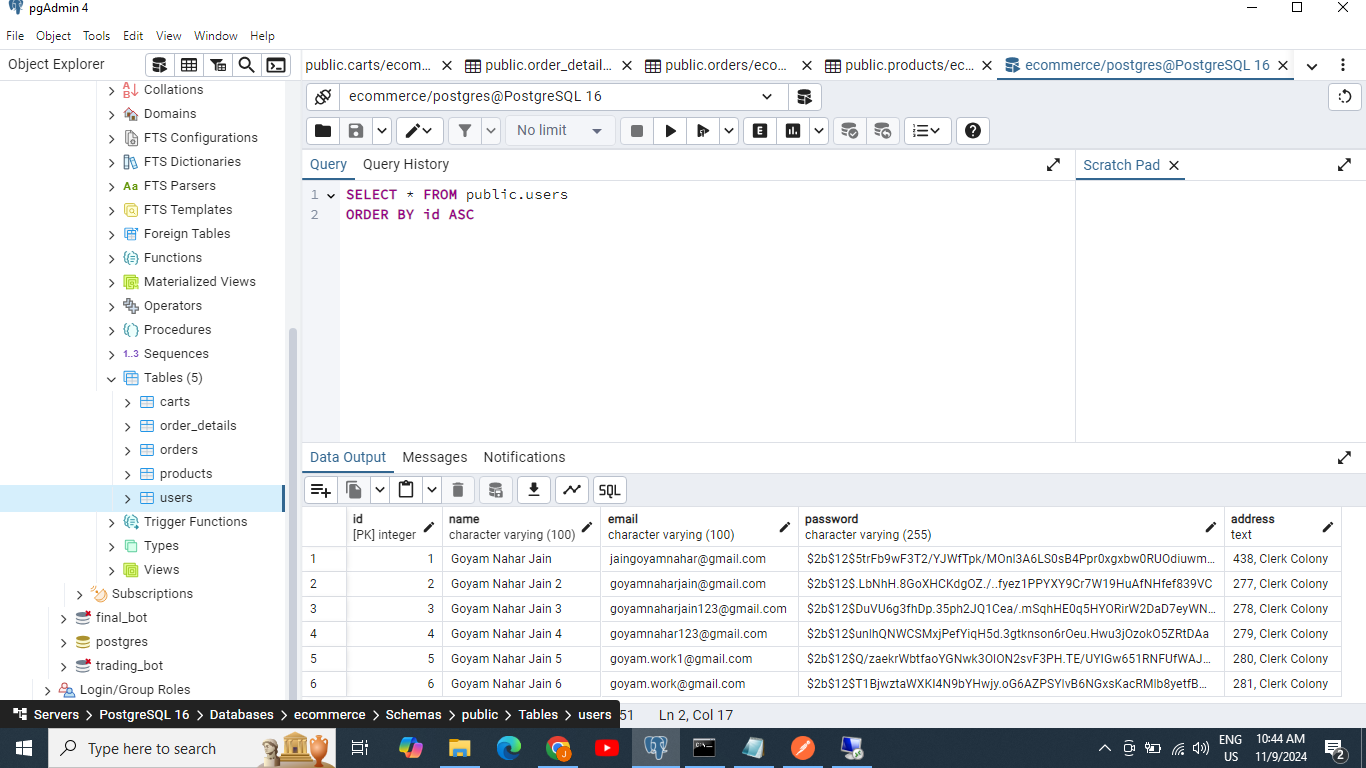


**13. Get Orders by Customer ID** - http://localhost:5000/orders/customer/{customerId} ( GET )

Headers: Add the Authorization header with the JWT token.



DataBase Screenshot



And if you face any error or if any API is not working, just contact me. I can solve the error

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THANKS