Universidad Mariano Gálvez

Centro Universitario Boca del Monte

Facultad de Ingeniería en Sistemas de Información

Ingeniería en Sistemas de Información y Ciencias de la Computación

Manual proyecto #2

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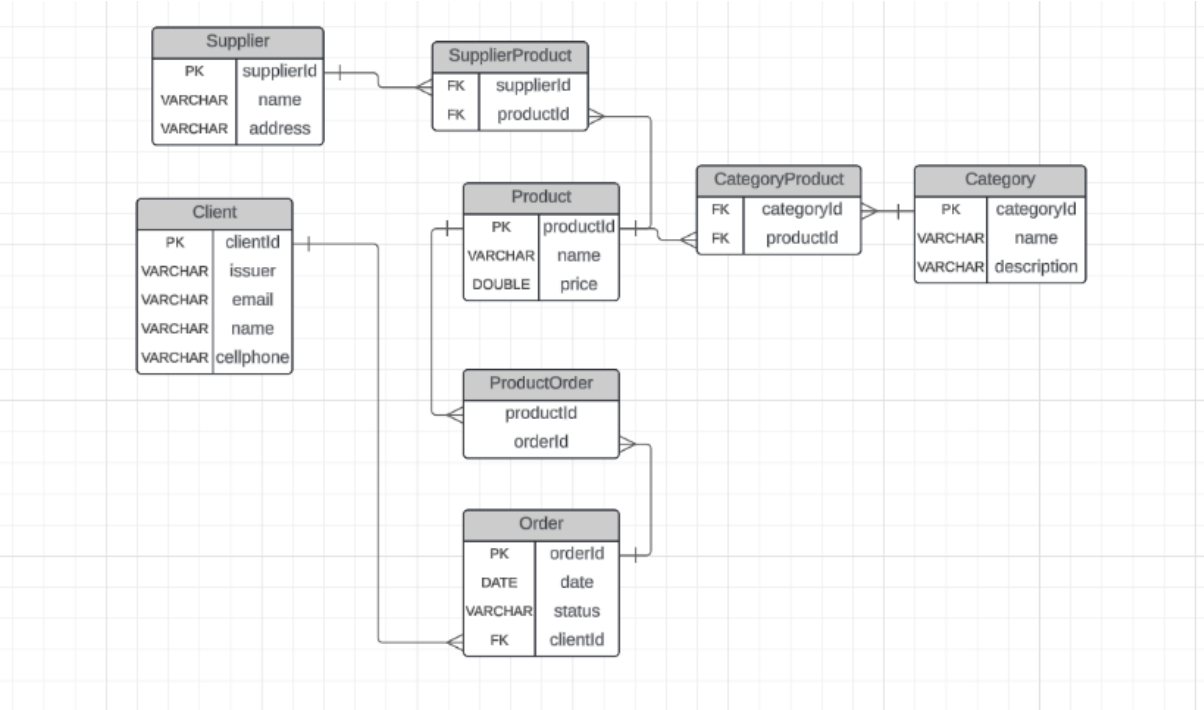
El siguiente proyecto tiene como objetivo documentar las cosas utilizadas para el desarrollo.

El proyecto sigue el siguiente diagrama de base de datos.

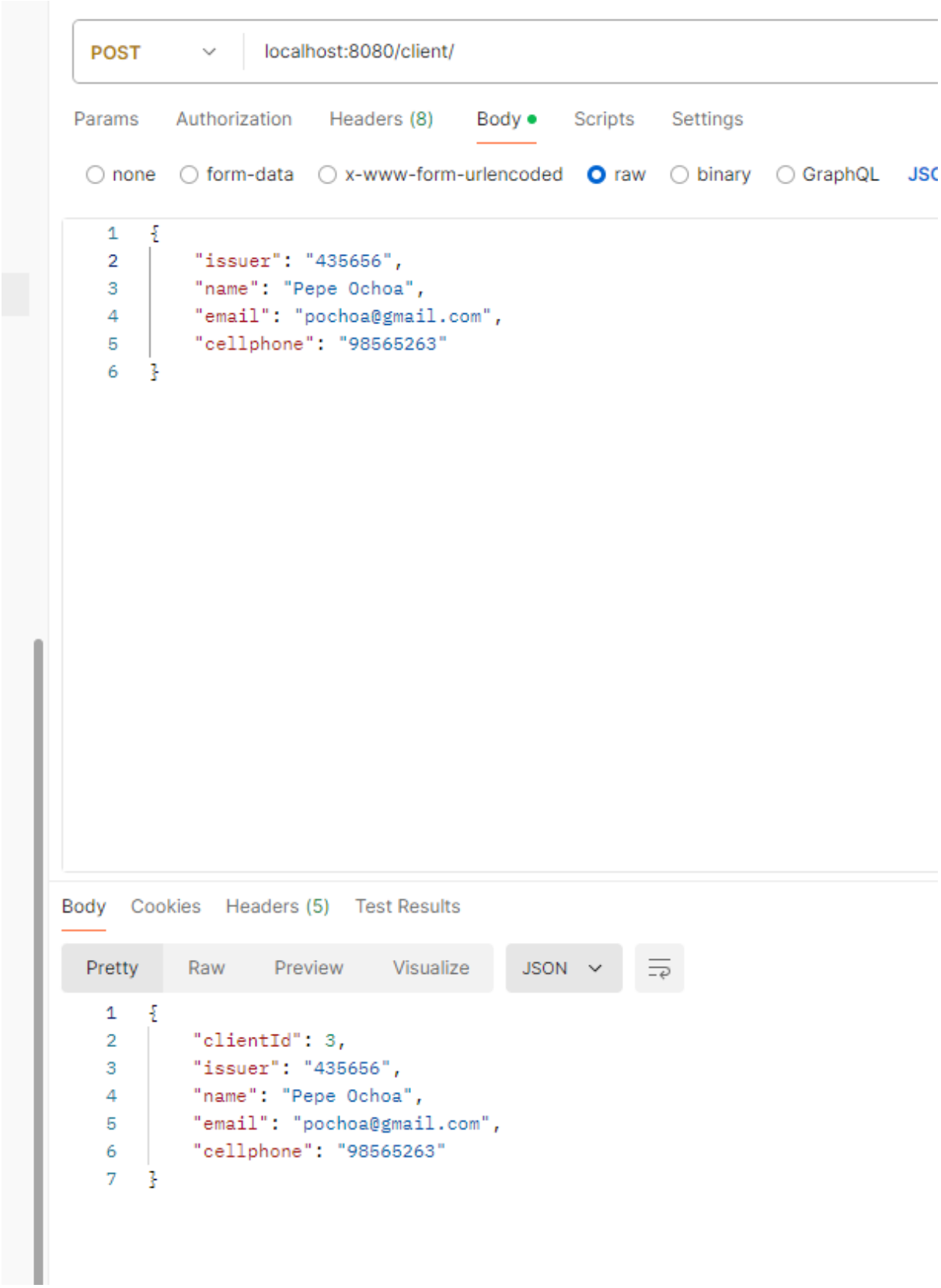


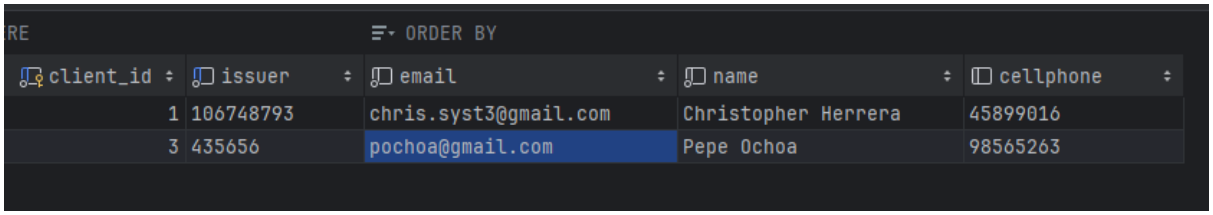
Para su desarrollo se usó Spring Boot con Maven el cual es un framework de Java, se usaron las siguientes dependencias:

- JPA
- MYSQL-CONNECTOR-J
- LOMBOK

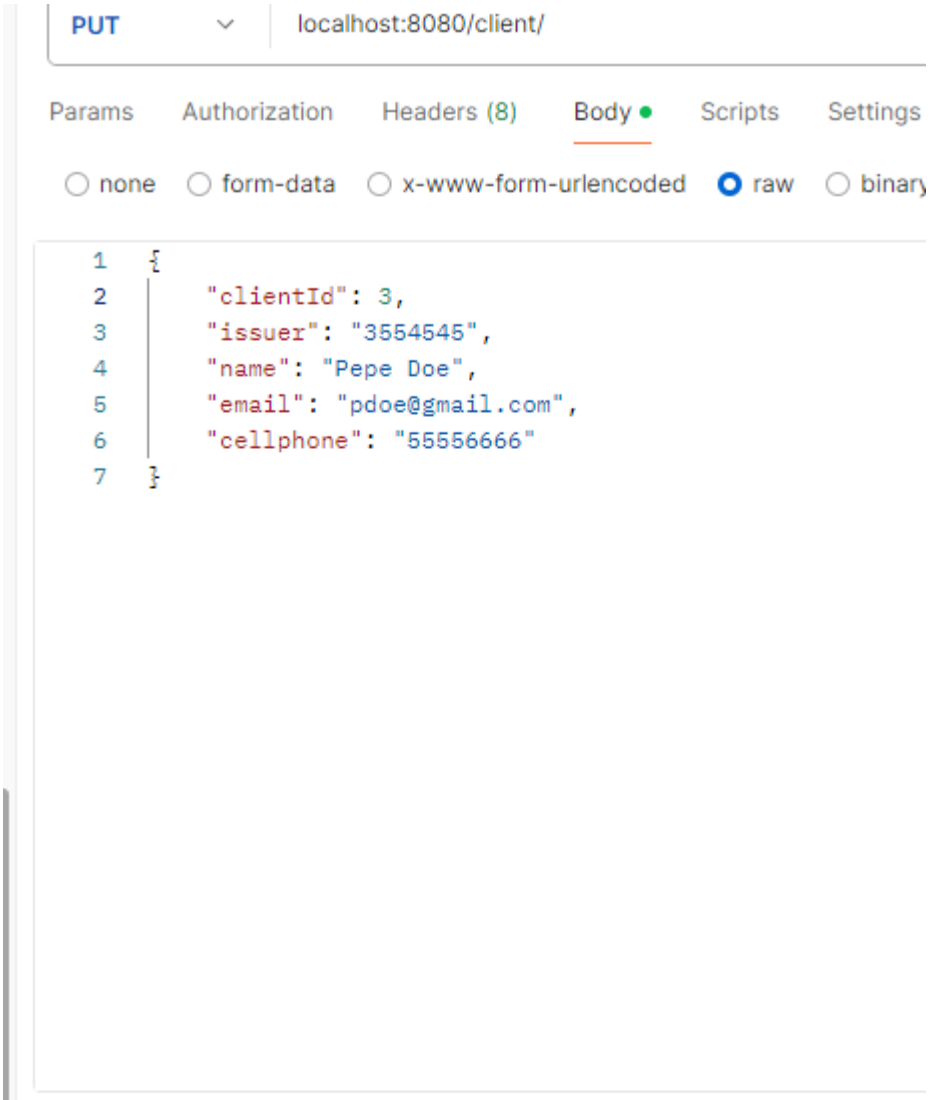
El código esta desarrollado bajo el estándar **clean code** para escribir código limpio y entendible y los principios **solid** implementando únicas responsabilidades, uso de interfaces etc, y patrones de diseño como el patrón **facade** para el manejo de inyección de dependencias y el patrón **prototype** para copiar objetos.

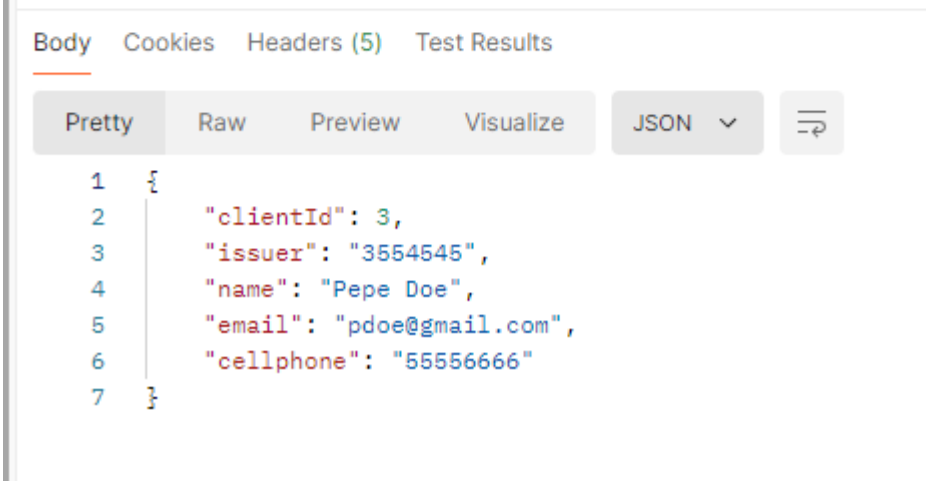
El proyecto en esta versión se maneja inserción de clientes en la base de datos a través de una API.

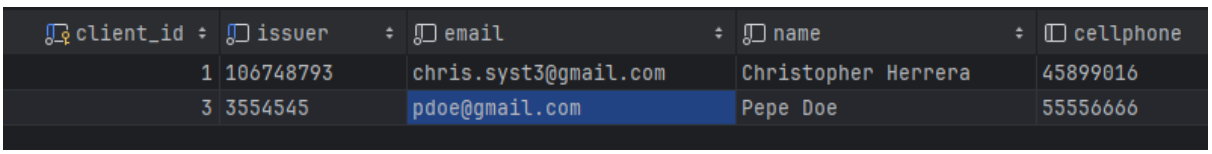




Modificación del cliente:

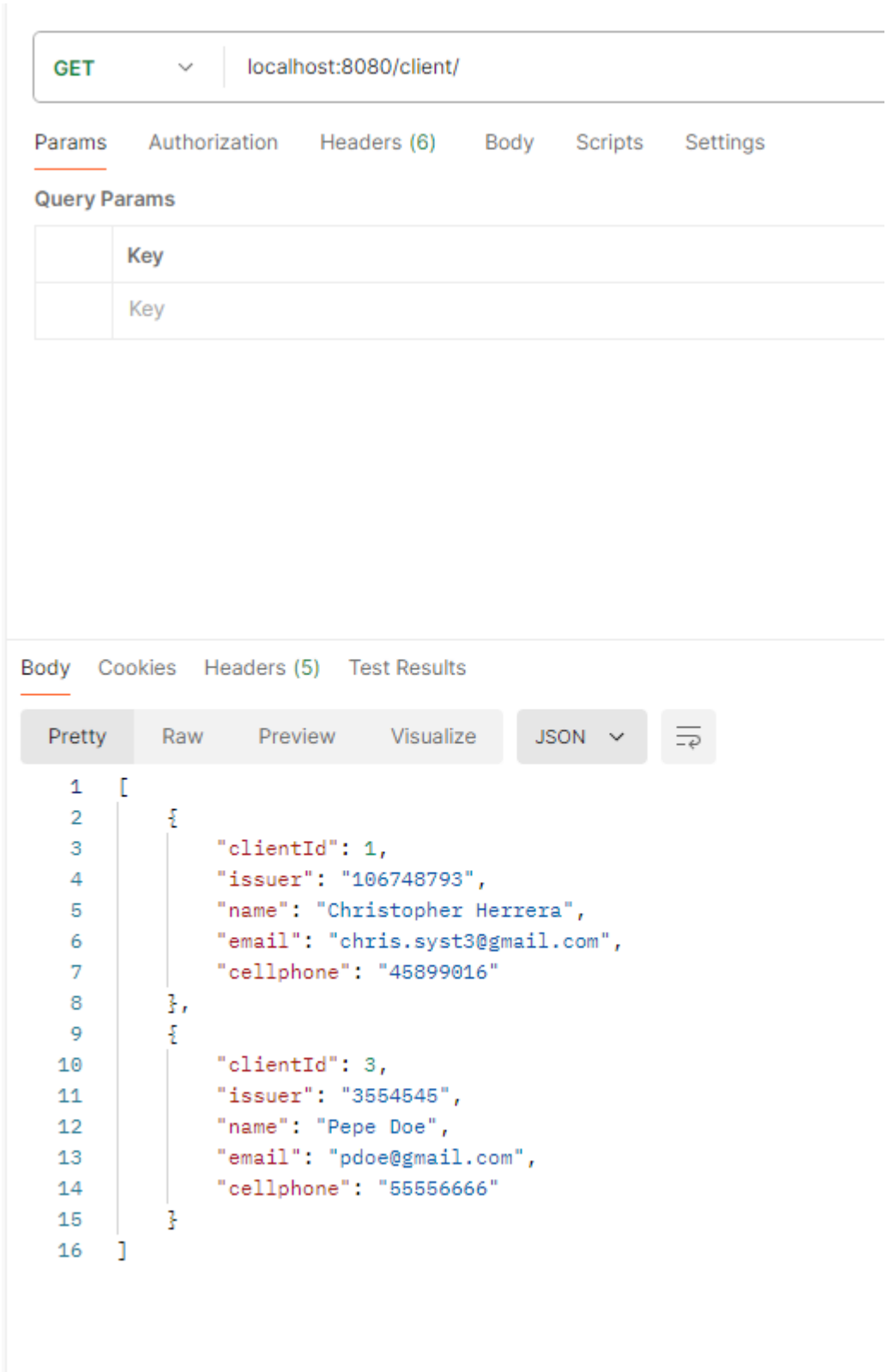




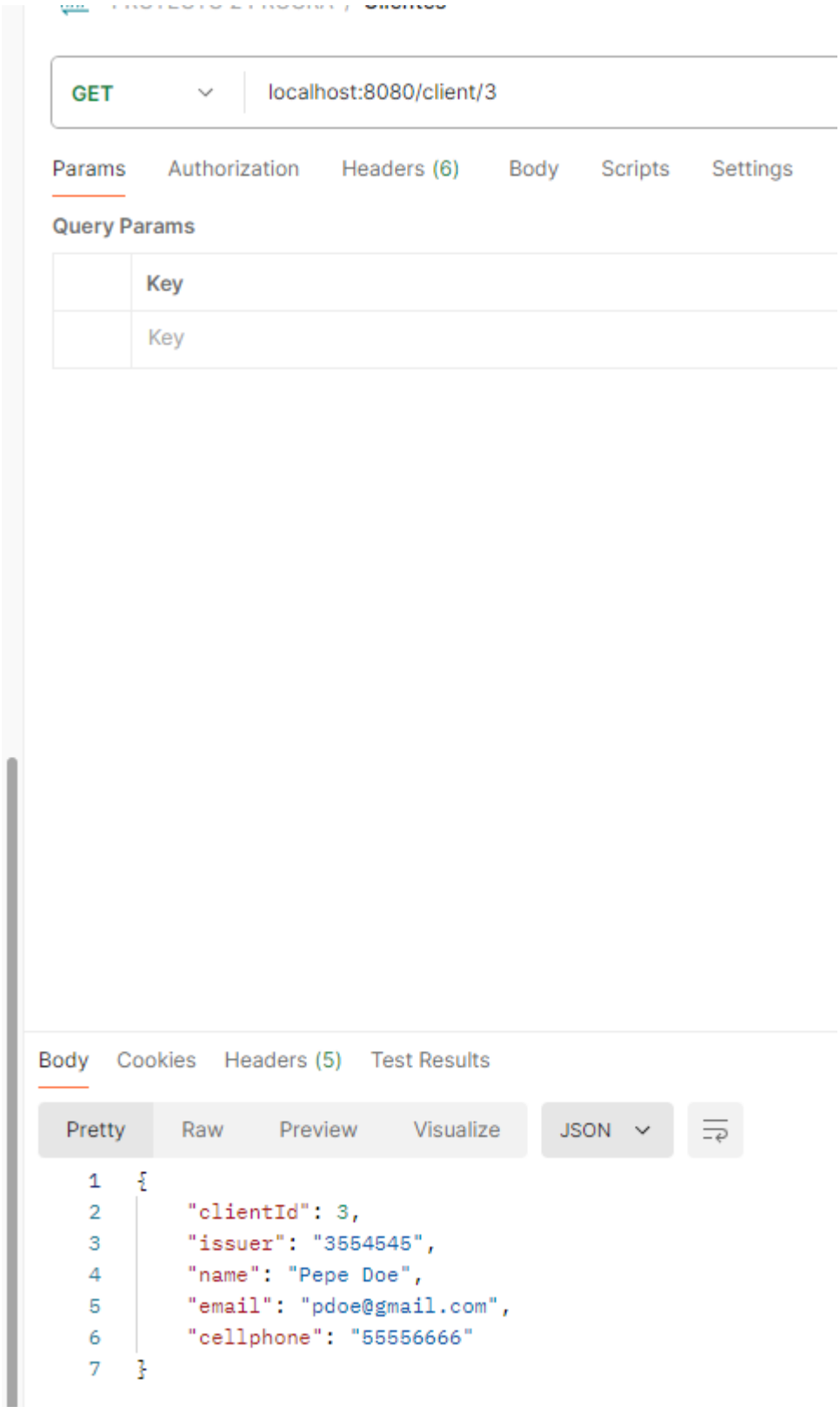


client_id	issuer	email	name	cellphone
1	106748793	chris.syst3@gmail.com	Christopher Herrera	45899016
3	3554545	pdoe@gmail.com	Pepe Doe	55556666

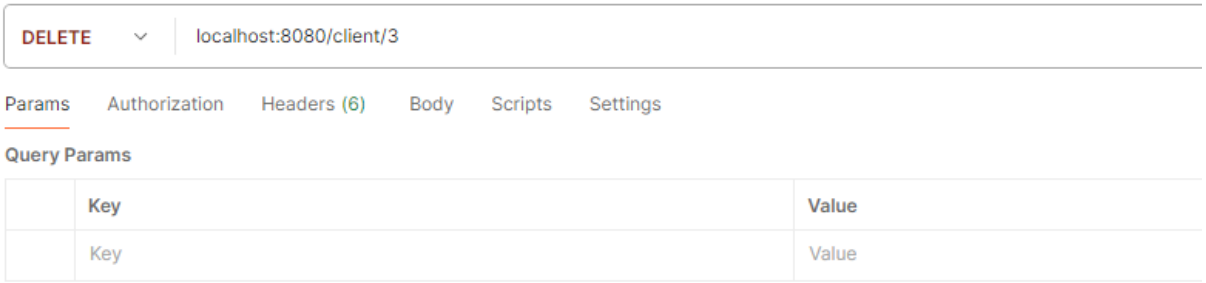
Listar clientes:

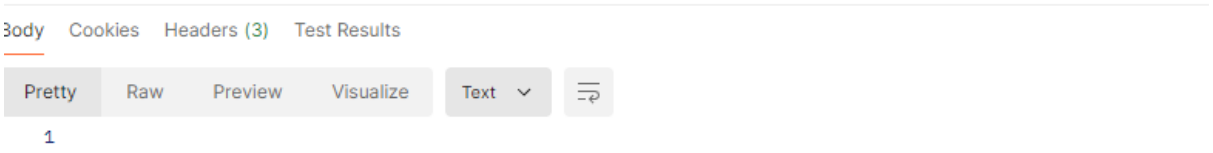


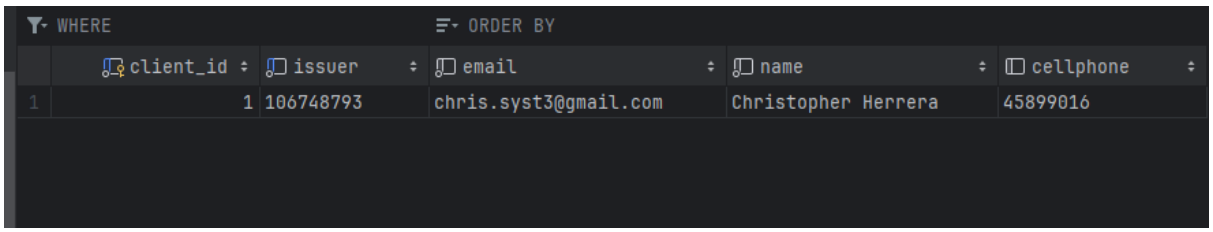
Obtener:


GET
localhost:8080/client/3
Params
Authorization
Headers (6)
Body
Scripts
Settings
Query Params
Key
Key
Body
Cookies
Headers (5)
Test Results
Pretty
Raw
Preview
Visualize
JSON
{
"clientId": 3,
"issuer": "3554545",
"name": "Pepe Doe",
"email": "pdoe@gmail.com",
"cellphone": "55556666"
}

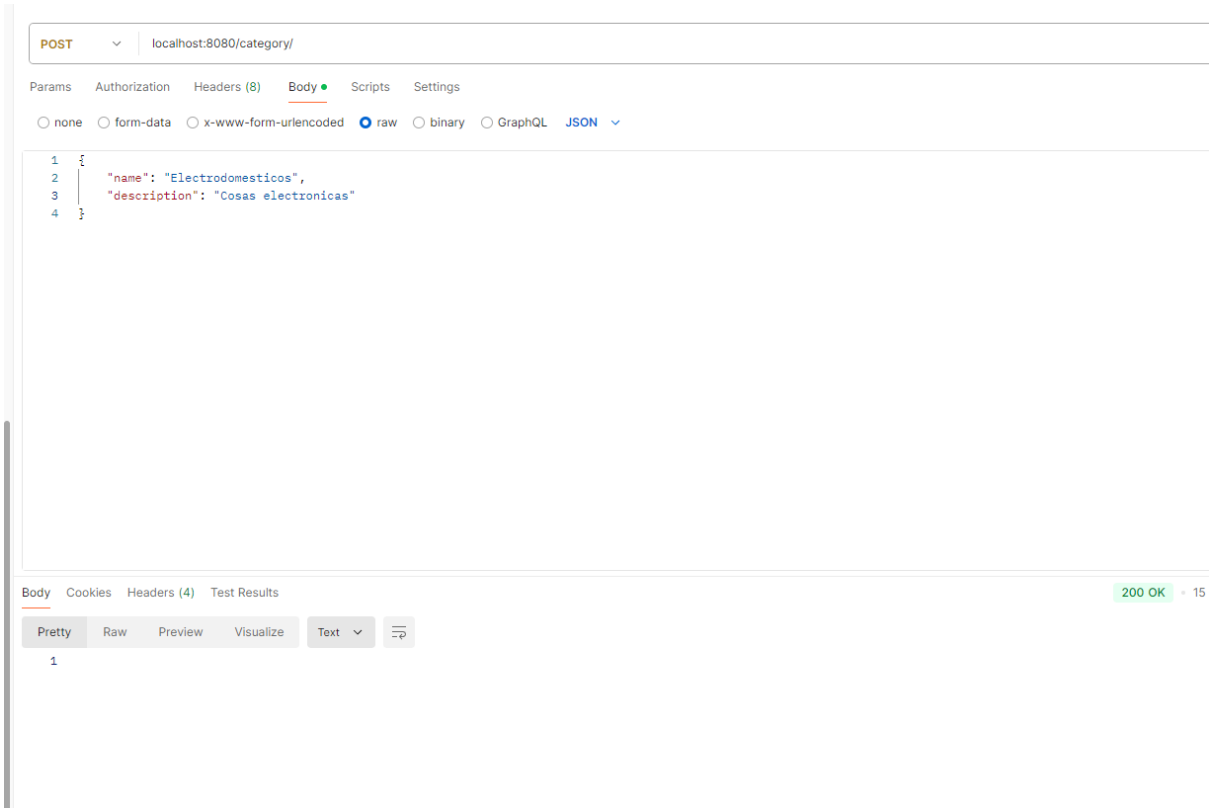
Eliminar

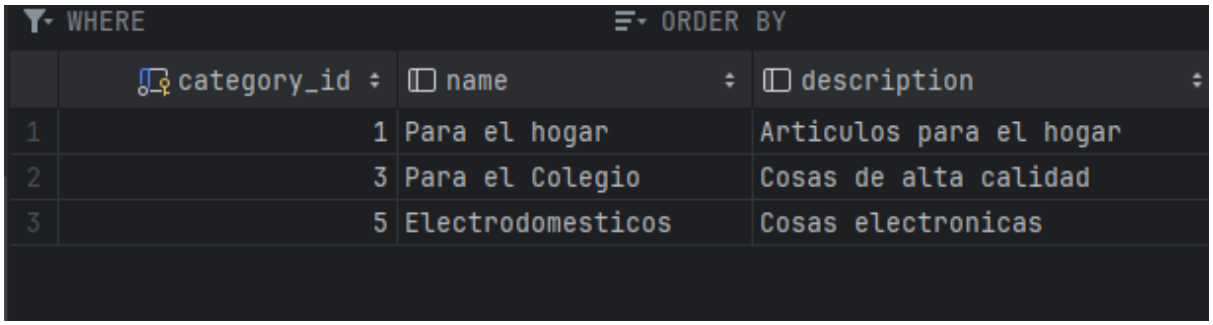

DELETE
localhost:8080/client/3
Params
Authorization
Headers (6)
Body
Scripts
Settings
Query Params
Key
Value
Key
Value


Body
Cookies
Headers (3)
Test Results
Pretty
Raw
Preview
Visualize
Text
1

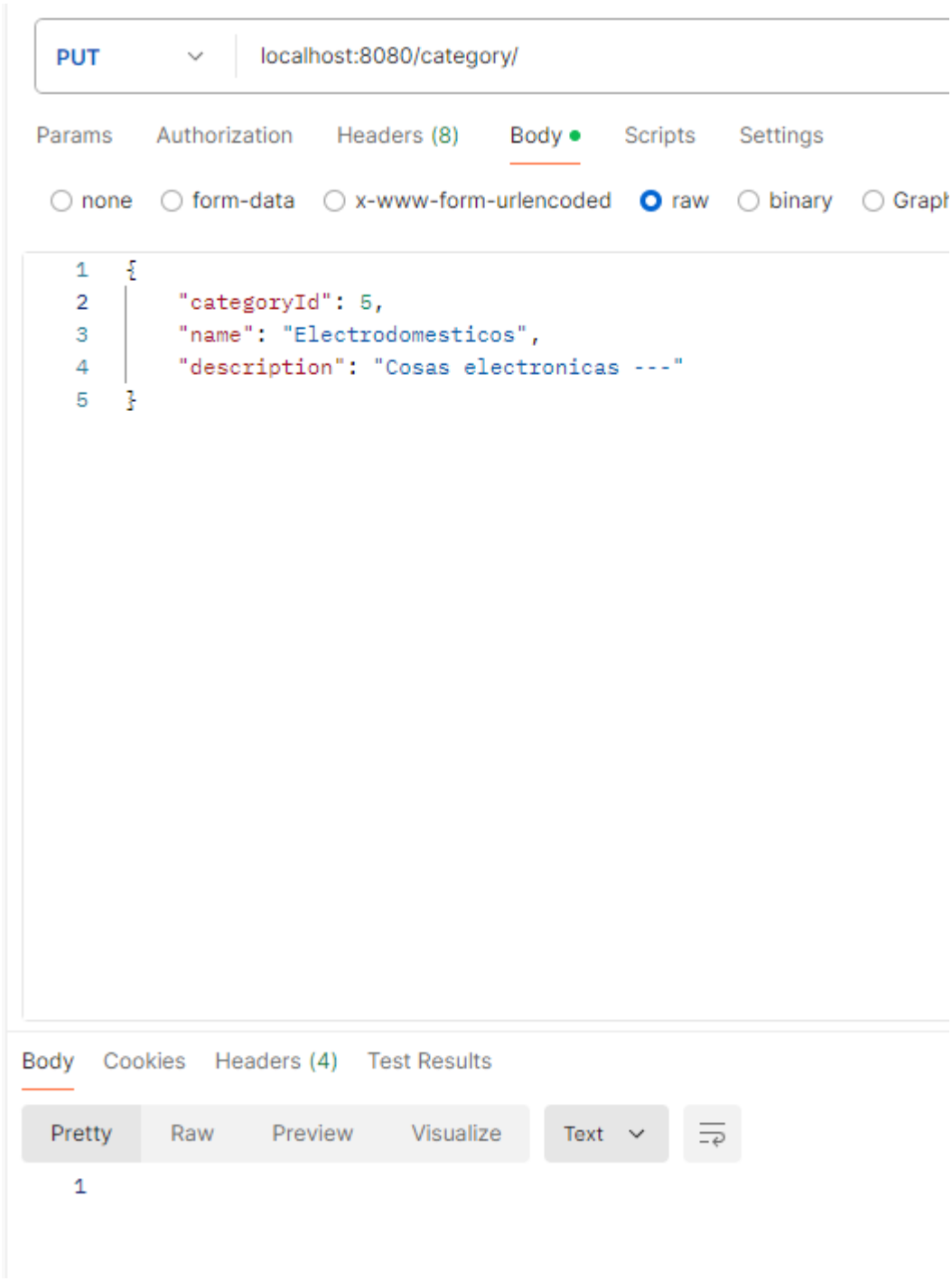

WHERE
ORDER BY
client_id
issuer
email
name
cellphone
1
1
106748793
chris.syst3@gmail.com
Christopher Herrera
45899016

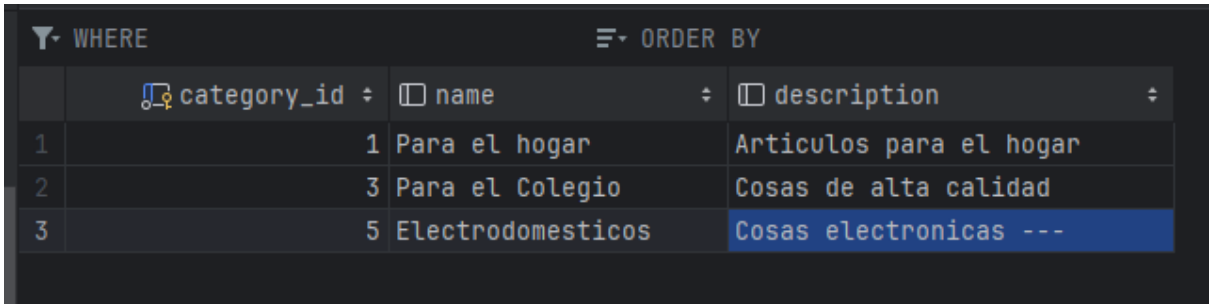
Inserción de categorías de productos



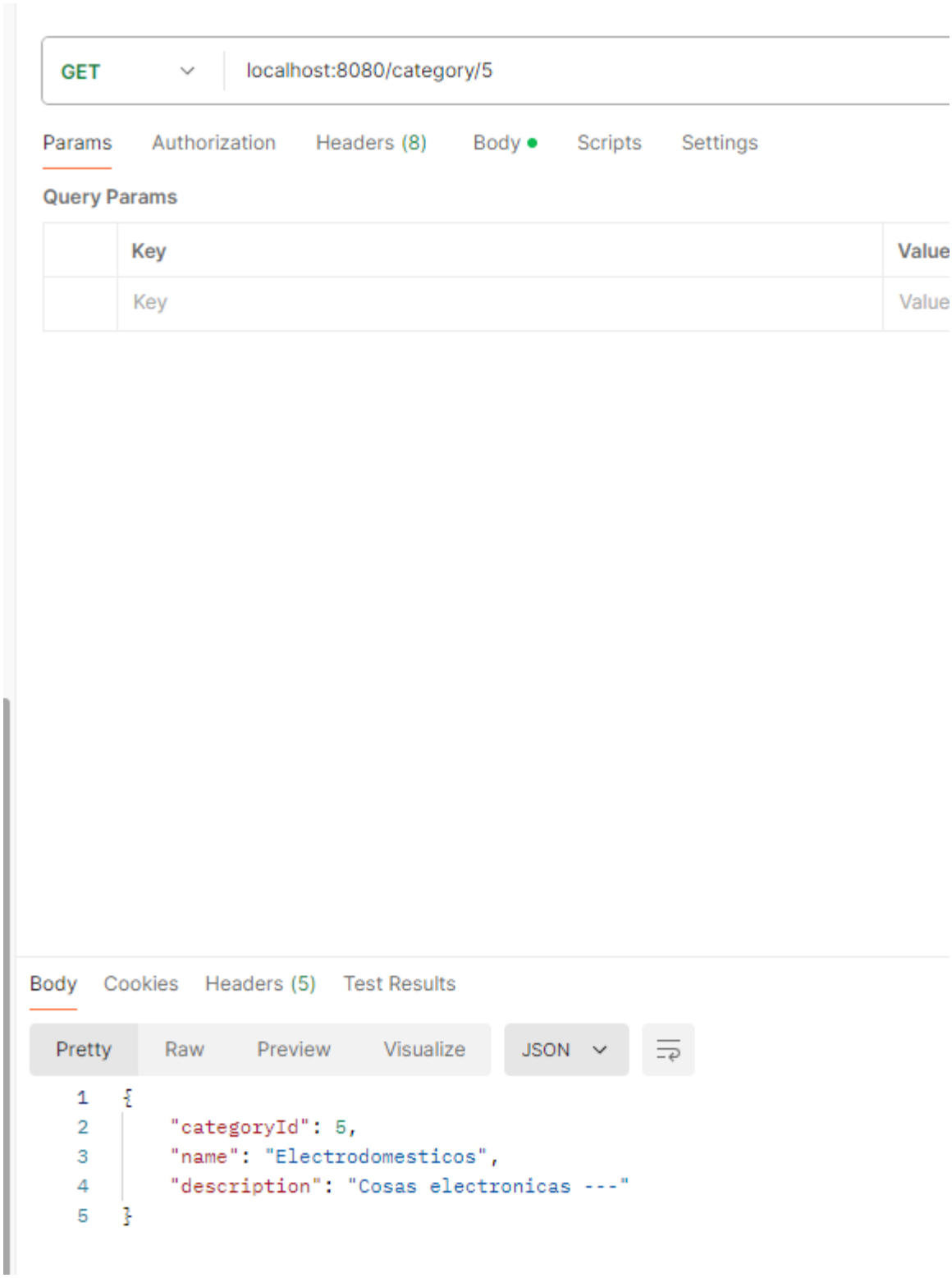


Actualización de categorías de productos

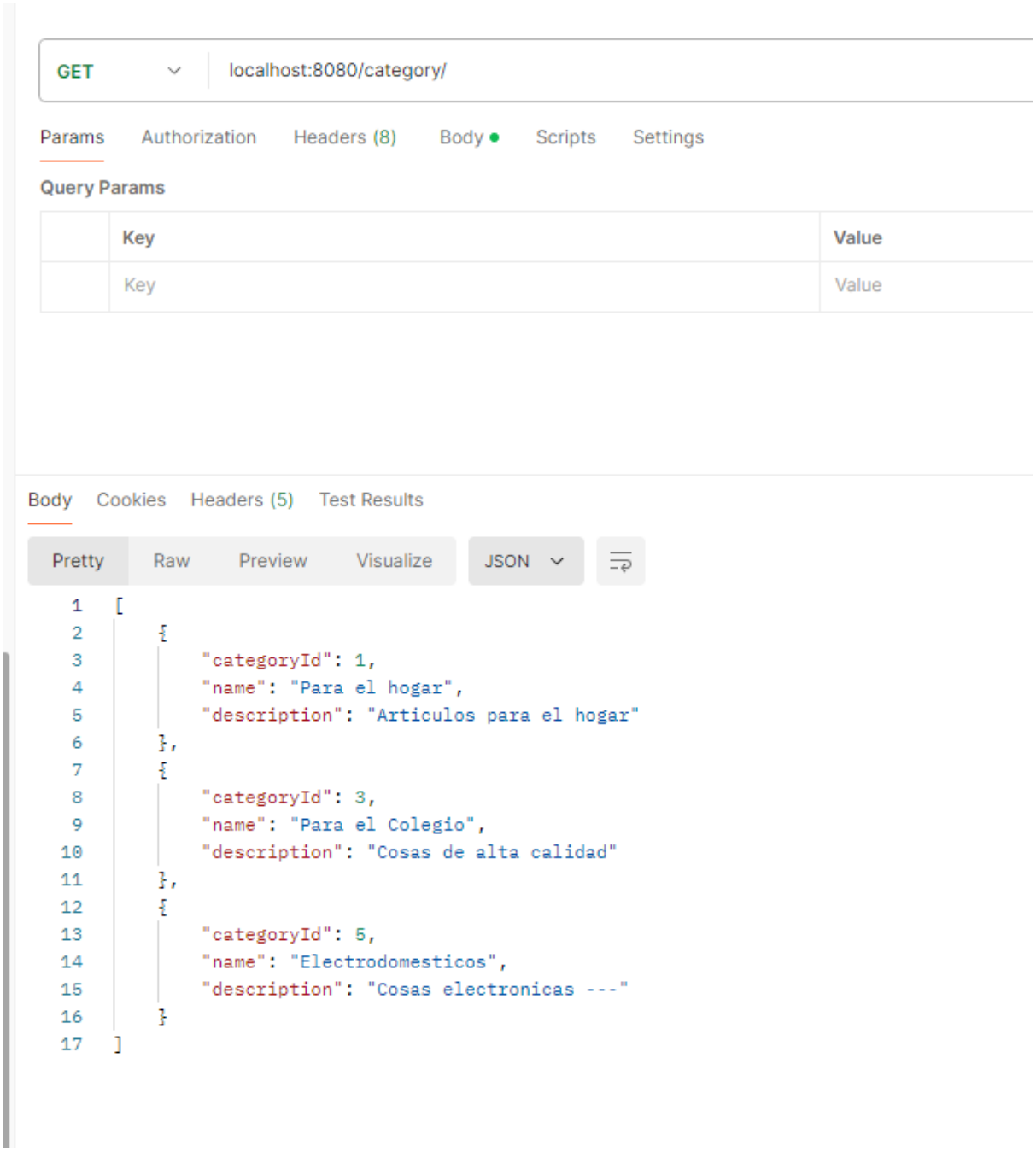


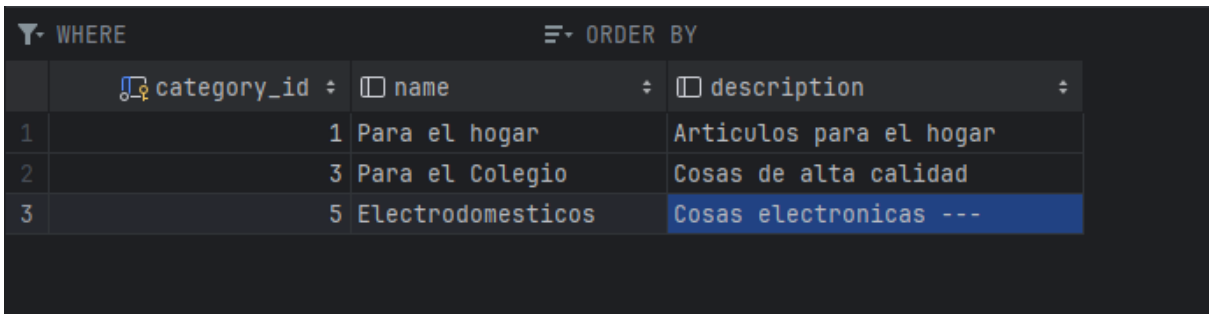


Selección categorías

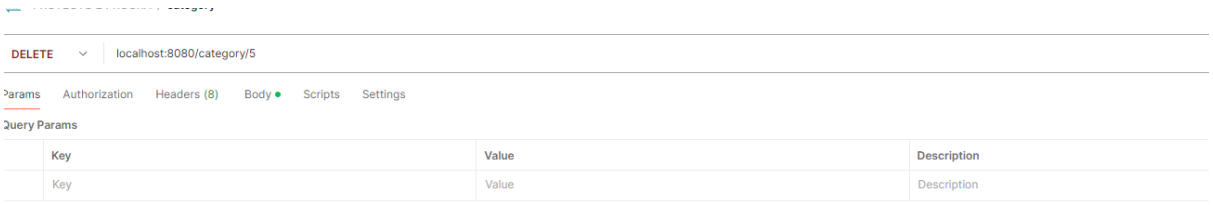


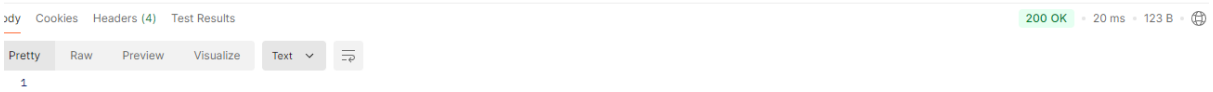
Listar categorías

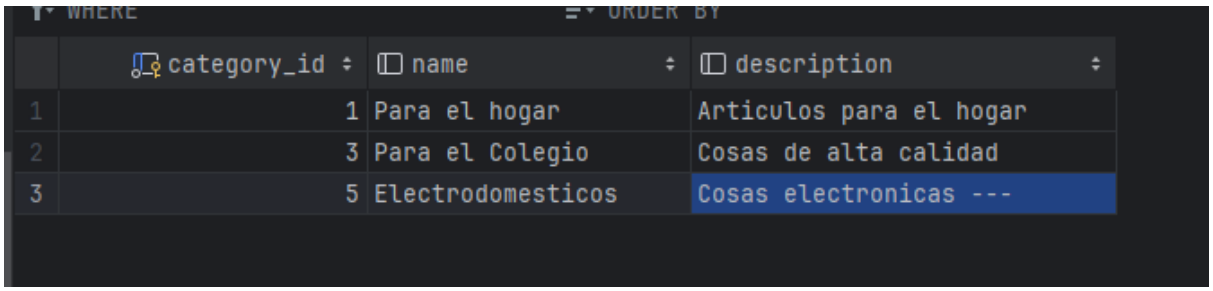




Eliminar categoría







Crear productos

POST localhost:8080/products/

Params Authorization Headers (8) Body Scripts Settings

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

```
{
    "name": "Pizzas",
    "price": 120,
    "categories": [3, 1]
}
```

Body Cookies Headers (5) Test Results

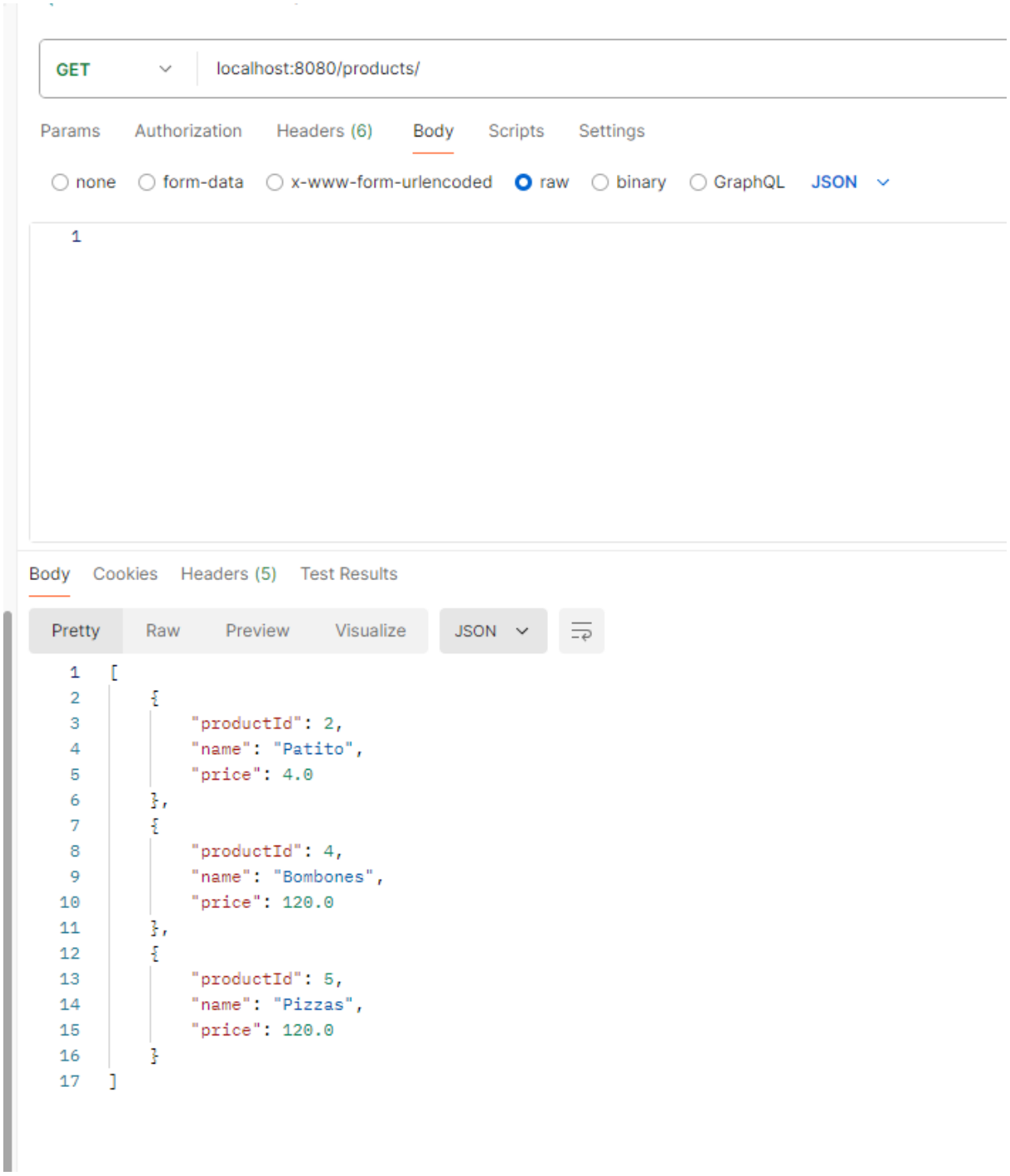
Pretty Raw Preview Visualize JSON

```
{
    "productId": 5,
    "name": "Pizzas",
    "price": 120.0
}
```

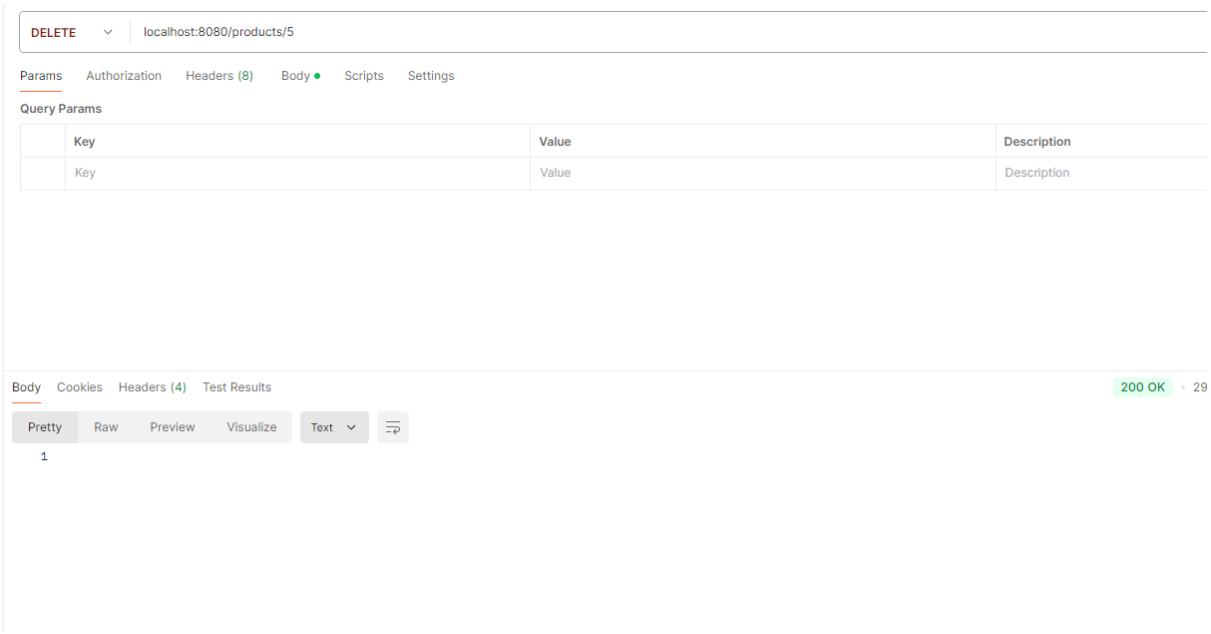
WHERE ORDER BY

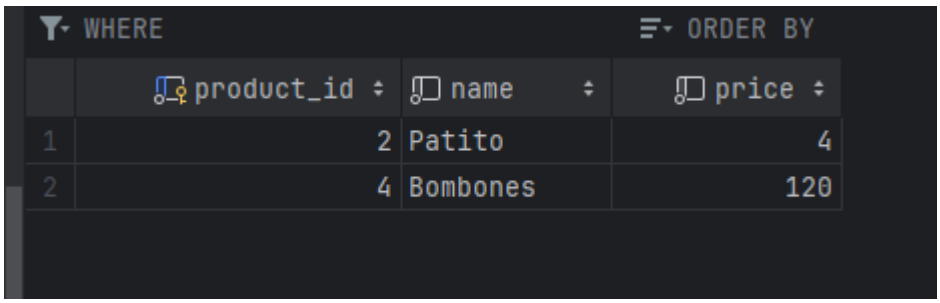
	product_id	name	price
1	2	Patito	4
2	4	Bombones	120
3	5	Pizzas	120

Listar los productos registrados

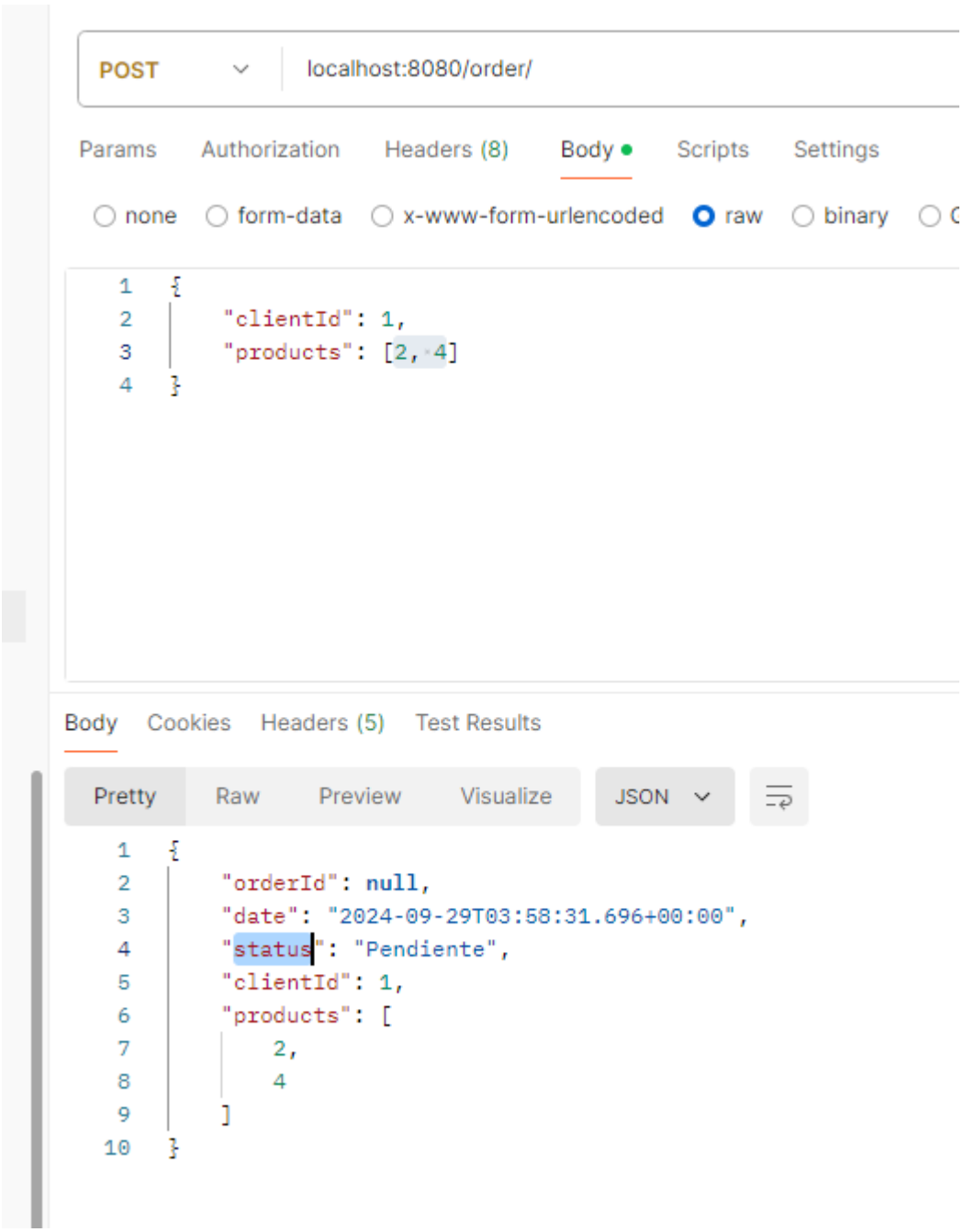


Eliminar productos

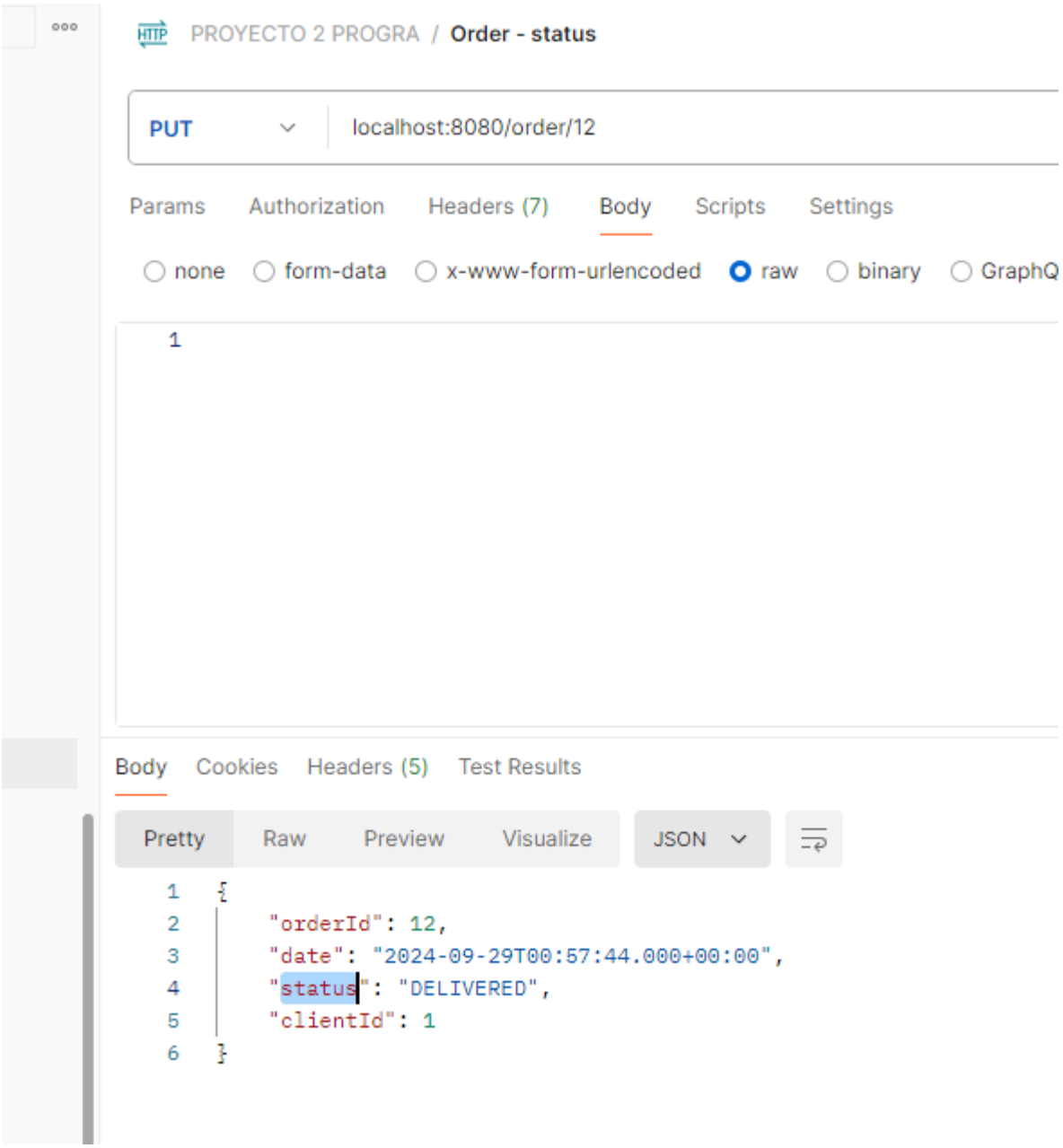




Crear ordenes



Actualizar el estado de la orden



Buscar orden