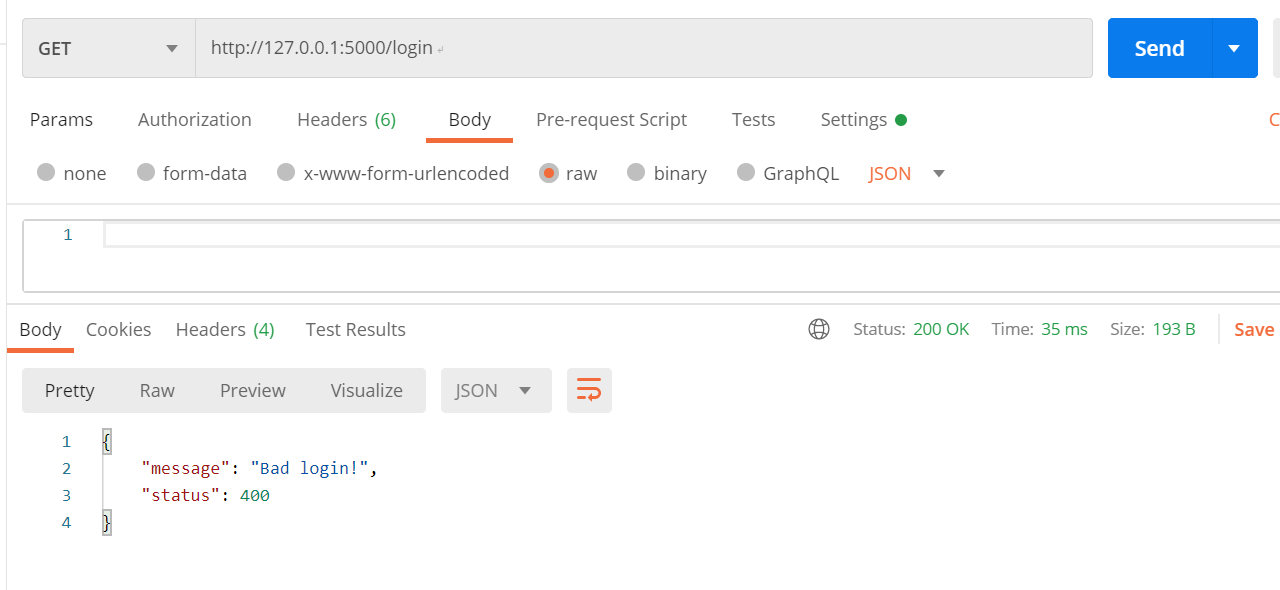
**API testing in Postman:**

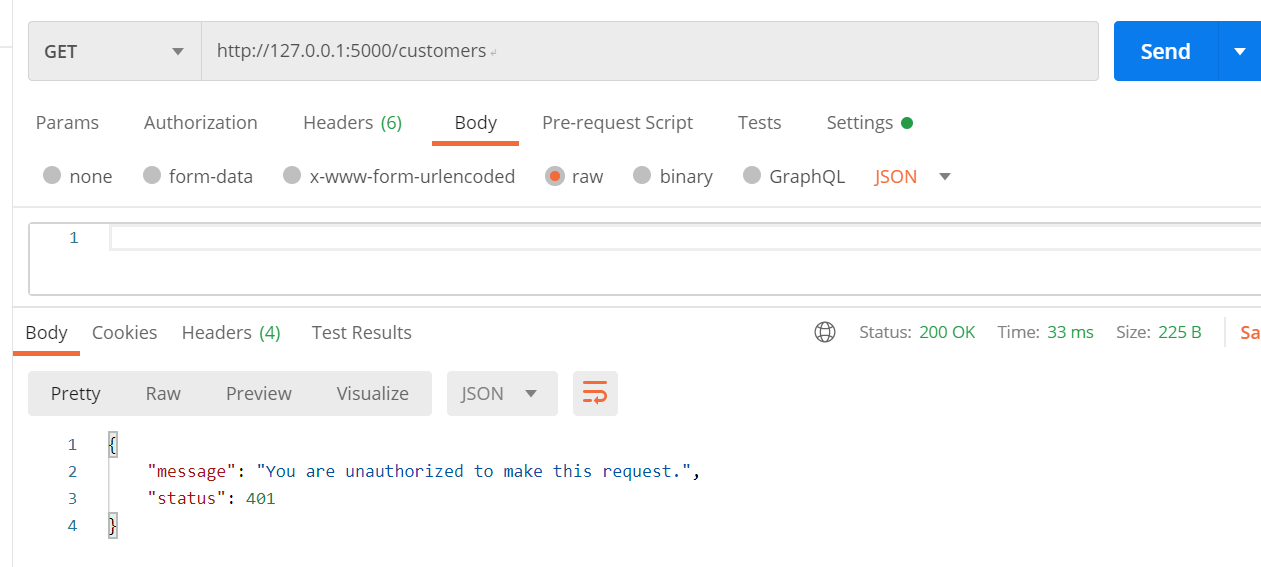
Please find below the screenshots of a couple of test cases.

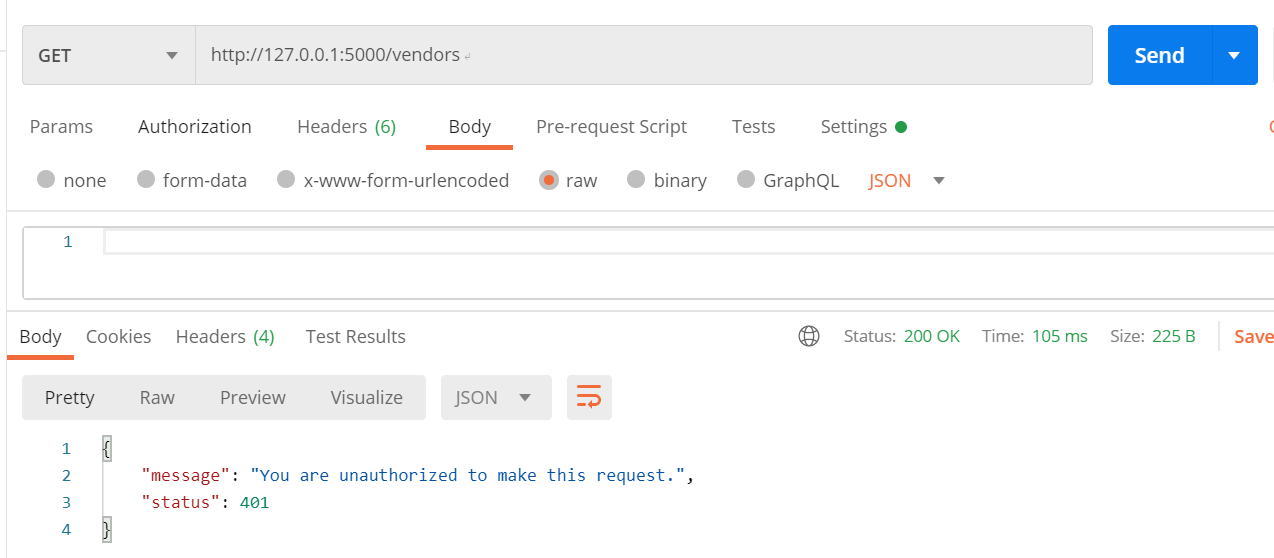
**Fail cases:**

It will not allow to user to login without passing credentials.

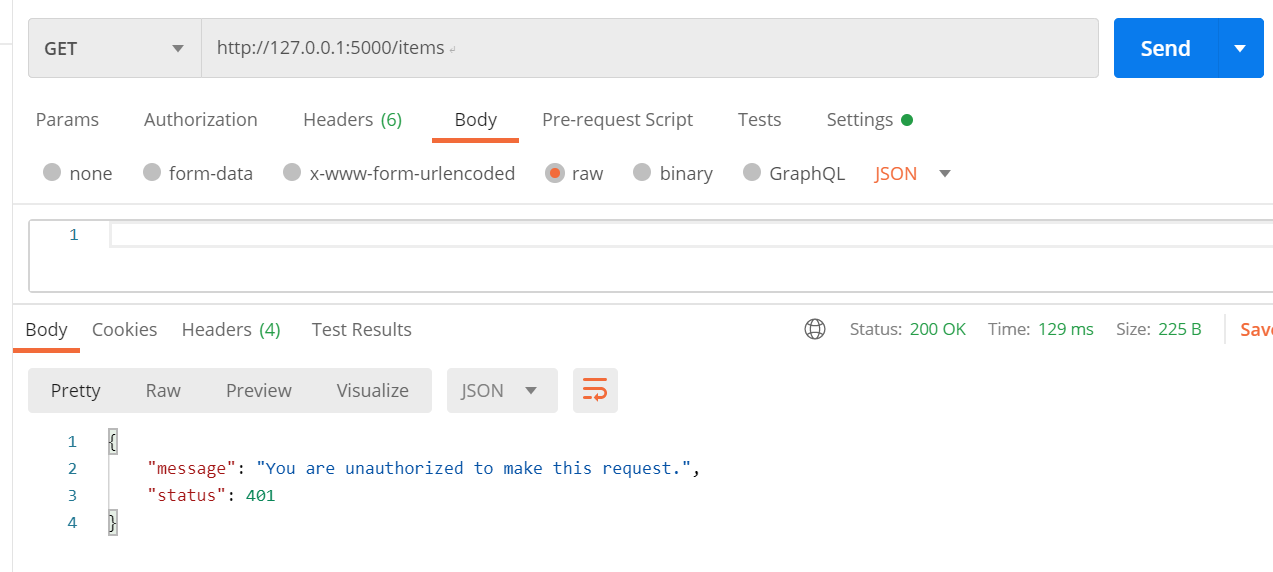


Users are not authorized to make GET requests to below API’s without logging in.

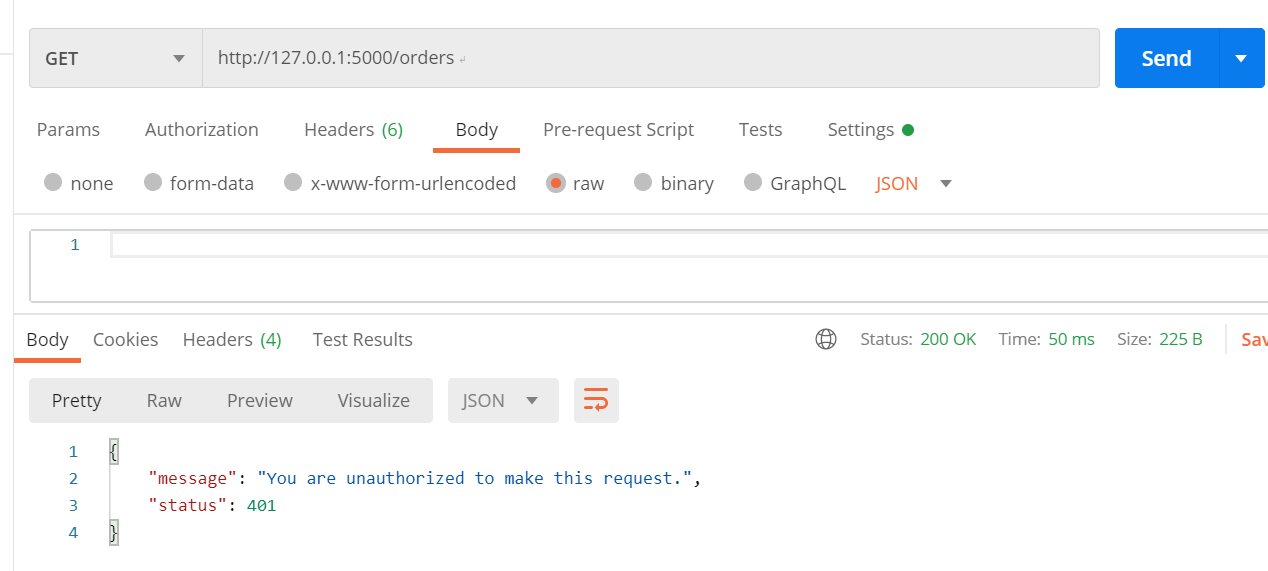




**GET http://127.0.0.1:5000/items**

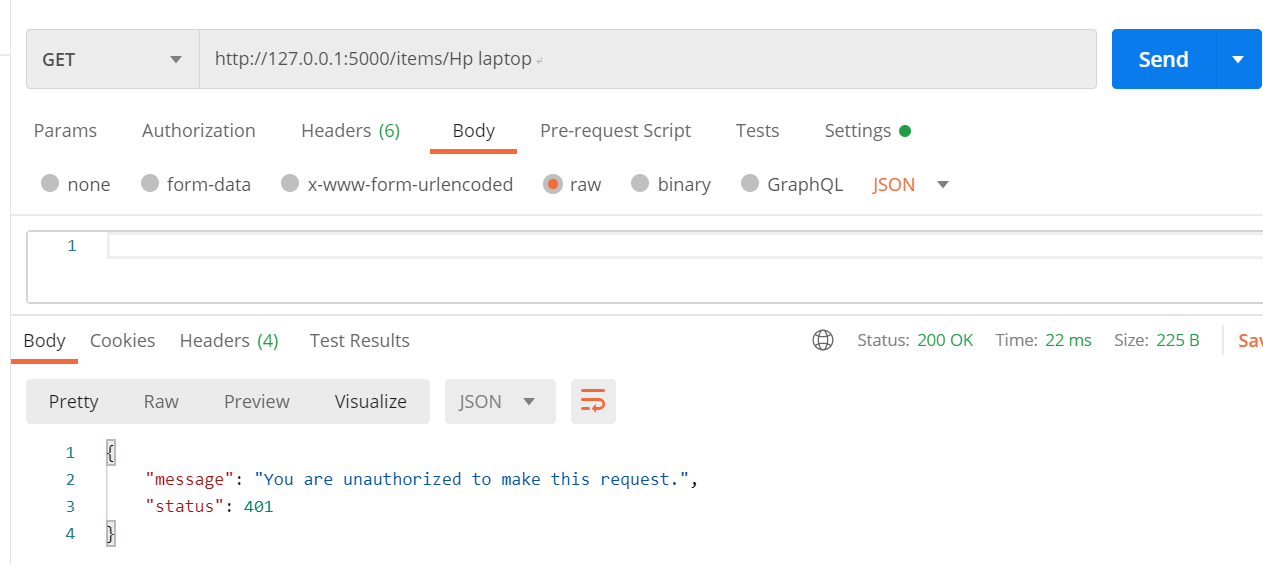


**GET http://127.0.0.1:5000/orders**



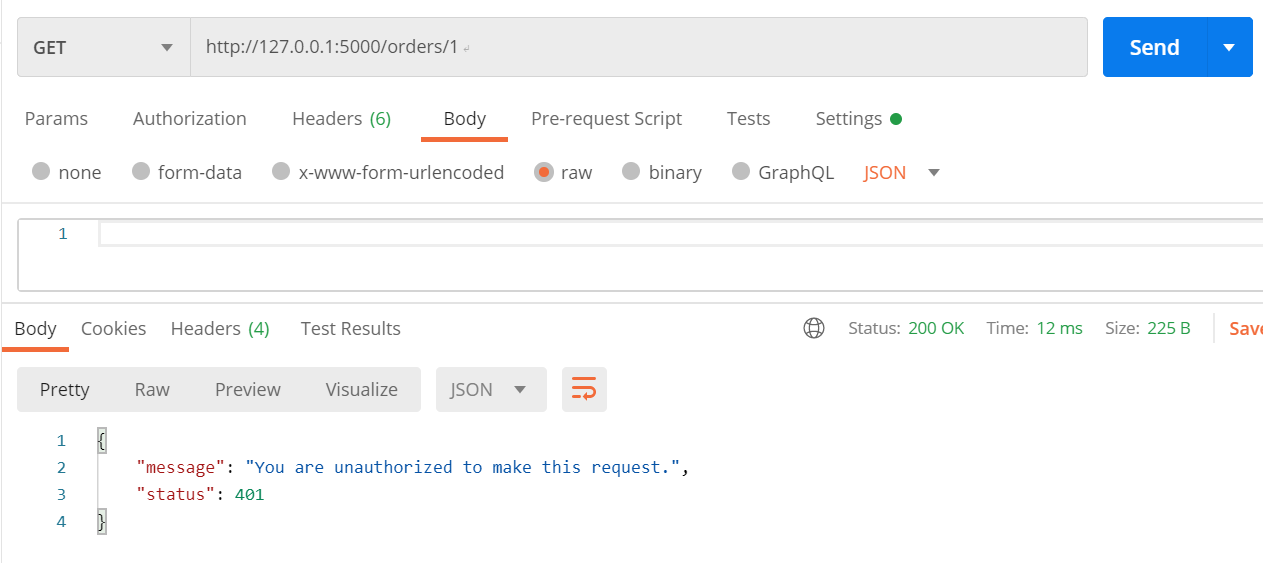
**GET http://127.0.0.1:5000/items/<item\_name>**

GET http://127.0.0.1:5000/items/HP Laptop



**GET http://127.0.0.1:5000/orders/<customer\_id>**

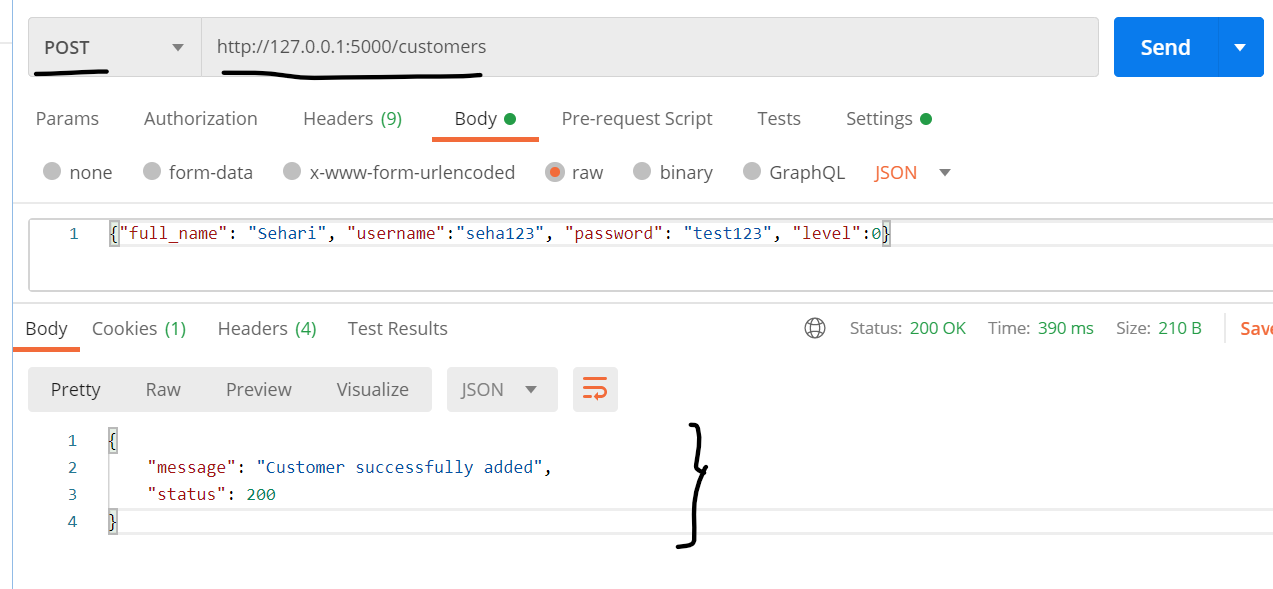
GET http://127.0.0.1:5000/orders/1



**Success cases:**

User must be registered into the DB via the below API endpoint.

**POST http://127.0.0.1:5000/customers**



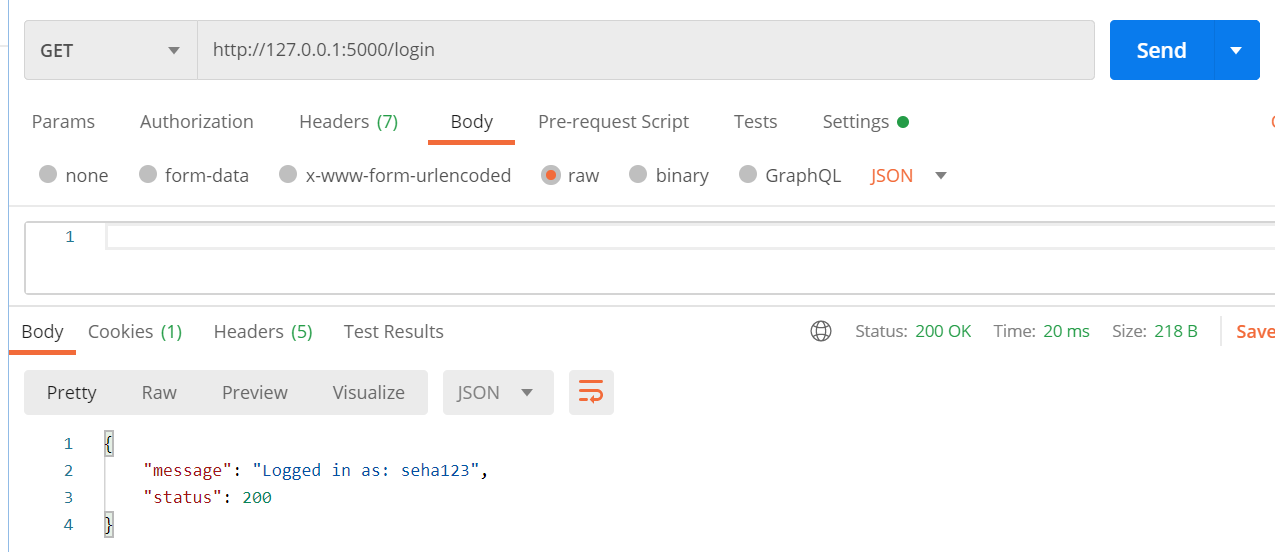
Sample Response:

{

"message": "Customer successfully added",

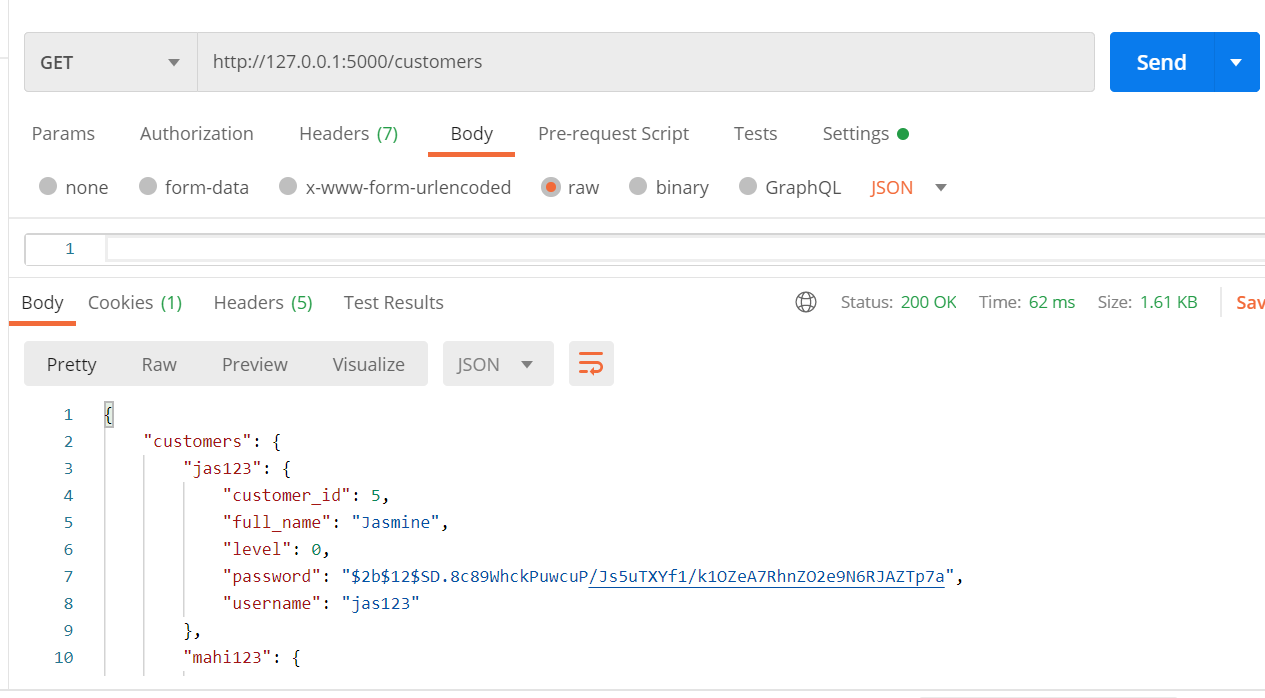
"status": 200

}



A logged in user has access to below API’s based on levels (0 -customer, 1-vendor, 2-admin) – refer API documentation.

**GET http://127.0.0.1:5000/customers**



Sample response:

{

    "customers": {

        "jas123": {

            "customer\_id": 5,

            "full\_name": "Jasmine",

            "level": 0,

            "password": "$2b$12$SD.8c89WhckPuwcuP/Js5uTXYf1/k1OZeA7RhnZO2e9N6RJAZTp7a",

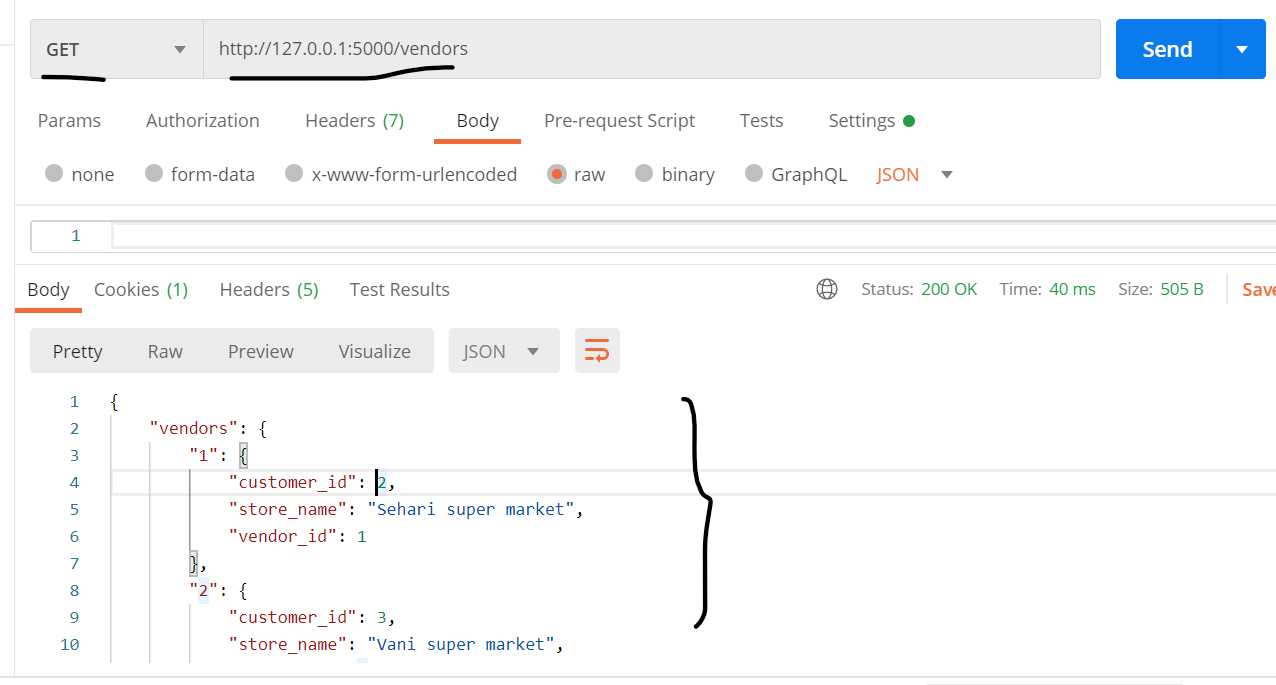
            "username": "jas123"

        },

    }

}

**GET http://127.0.0.1:5000/vendors**



Sample response:

{

    "vendors": {

        "1": {

            "customer\_id": 2,

            "store\_name": "Sehari super market",

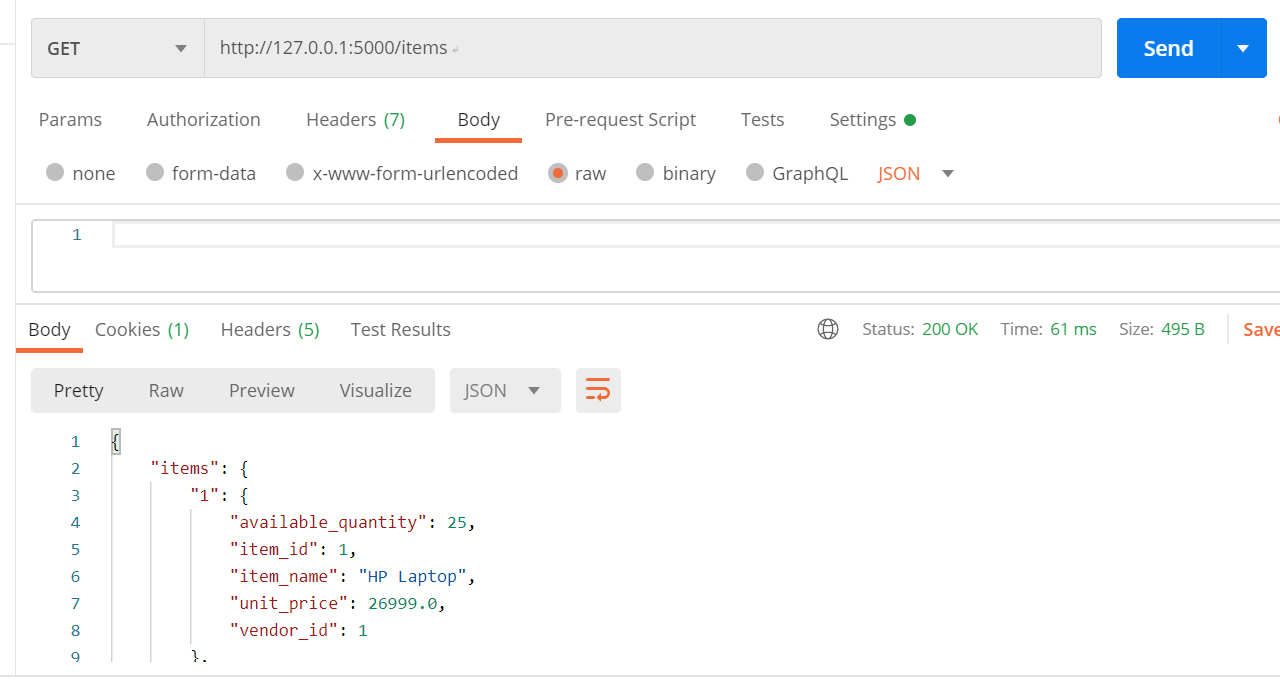
            "vendor\_id": 1

        }

    }

}

**GET** [**http://127.0.0.1:5000/items**](http://127.0.0.1:5000/items)



Sample response:

{

    "items": {

        "1": {

            "available\_quantity": 25,

            "item\_id": 1,

            "item\_name": "HP Laptop",

            "unit\_price": 26999.0,

            "vendor\_id": 1

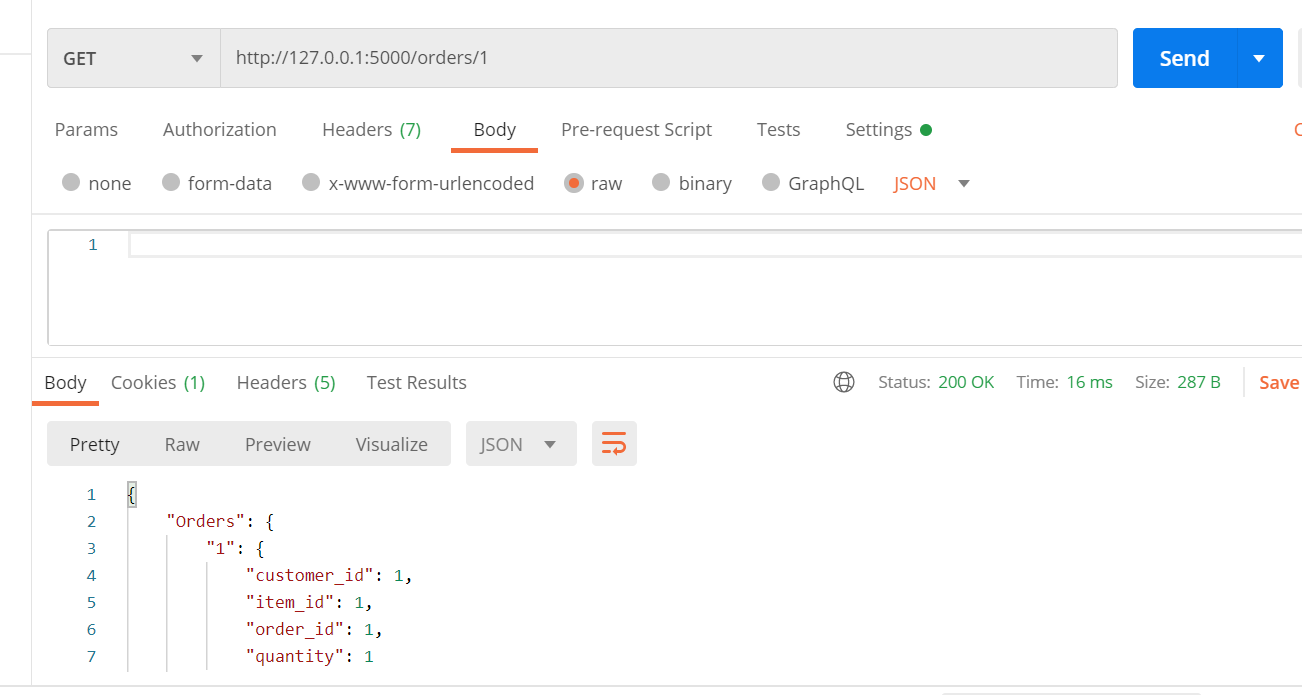
        }

    }

}

**GET** [**http://127.0.0.1:5000/orders/<customer\_id**](http://127.0.0.1:5000/orders/%3ccustomer_id)**>**

GET <http://127.0.0.1:5000/orders/1>



Sample response:

{

    "Orders": {

        "1": {

            "customer\_id": 1,

            "item\_id": 1,

            "order\_id": 1,

            "quantity": 1

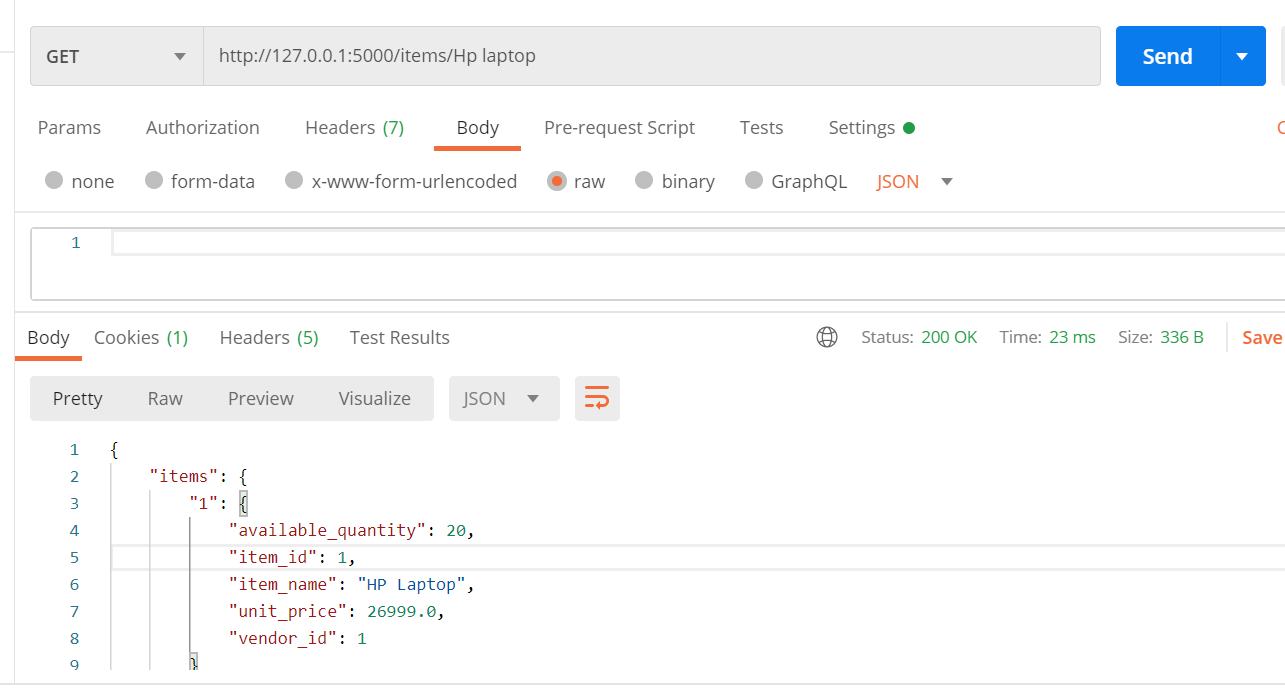
        }

    }

}

**GET http://127.0.0.1:5000/items/<item\_name>**

GET http://127.0.0.1:5000/items/Hp laptop



Sample Response:

{

    "items": {

        "1": {

            "available\_quantity": 20,

            "item\_id": 1,

            "item\_name": "HP Laptop",

            "unit\_price": 26999.0,

            "vendor\_id": 1

        }

    }

}

When the user logged out:

