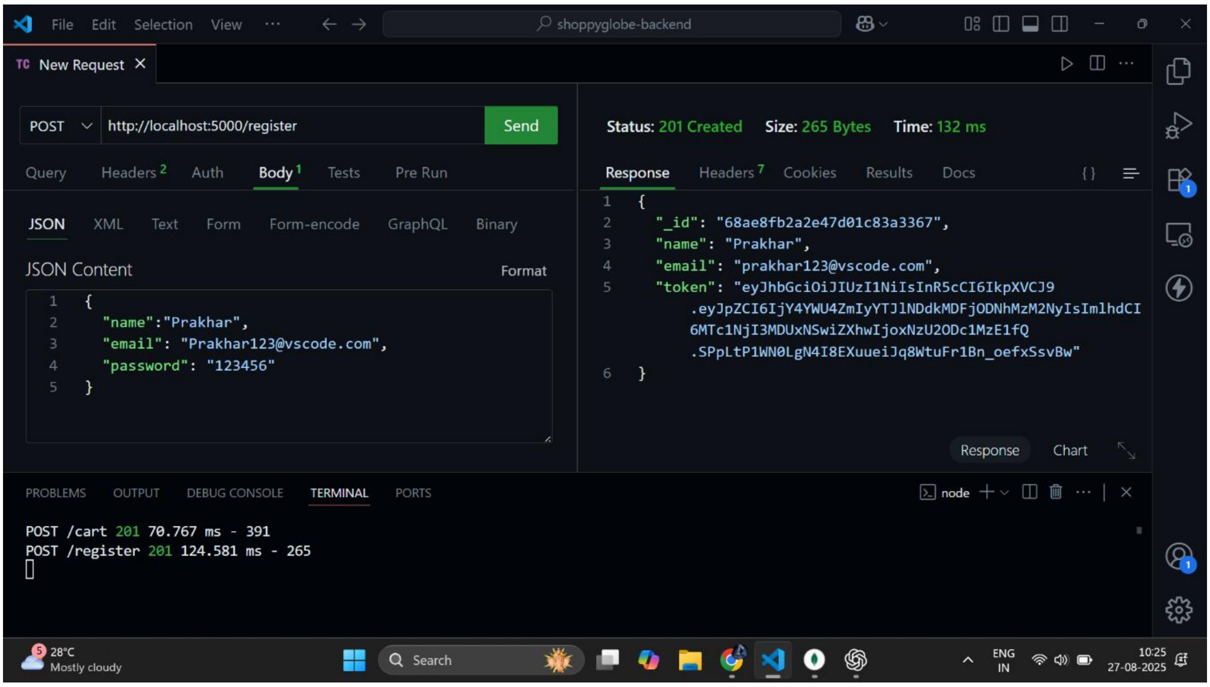
SCREENSHOTS FOR SHOPPY-GLOBE APPLICATION API TESTING USING THUNDERCLIENT AND MONGO-dB COMPASS:

STEP-BY-STEP METHODS AND OPERATIONS:

A. POST REGISTER-

1. THUNDERCLIENT SCREENSHOT:



POST http://localhost:5000/register

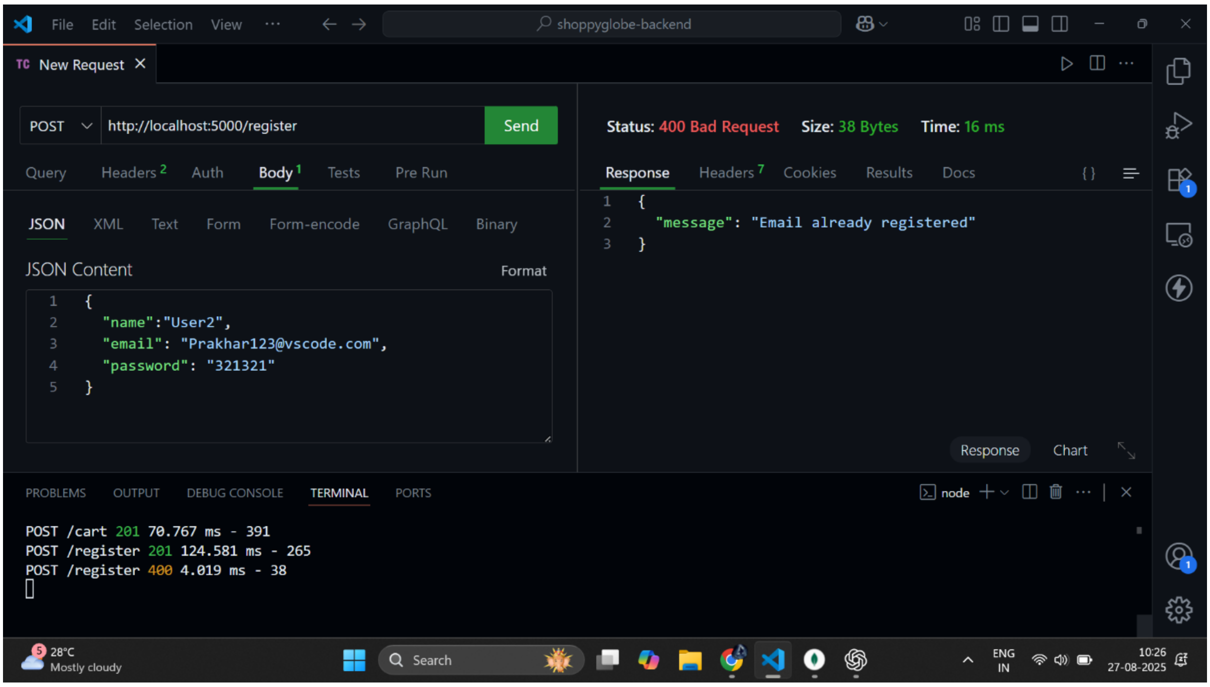
```
{
  "name":"Prakhar",
  "email": "Prakhar123@vscode.com",
  "password": "123456"
}
```

Status: 201 Created Size: 265 Bytes Time: 132 ms

```
{
  "_id": "68ae8fb2a2e47d01c83a3367",
  "name": "Prakhar",
  "email": "prakhar123@vscode.com",
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9
      .eyJpZCI6IjY4YWU4ZmIyYTJlNDdkMDFjODNhMzM2NyIsImlhdCI
      6MTc1NjI3MDUxNSwiZXhwIjoxNzU2ODc1MzE1fQ
      .SPpLtP1WN0LgN4I8EXuueiJq8WtuFr1Bn_oefxSsvBw"
}
```

```
POST /cart 201 70.767 ms - 391
POST /register 201 124.581 ms - 265
```

2.SCREENSHOT FOR ERROR WHEN TRYING FOR DUPLICATE REGISTER:



File Edit Selection View
shoppyglobe-backend
TC New Request
Query Headers 2 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
JSON Content
Format
Response Headers 7 Cookies Results Docs
Response Chart
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
node
28°C Mostly cloudy
Search
ENG IN
10:26 27-08-2025

POST http://localhost:5000/register Send

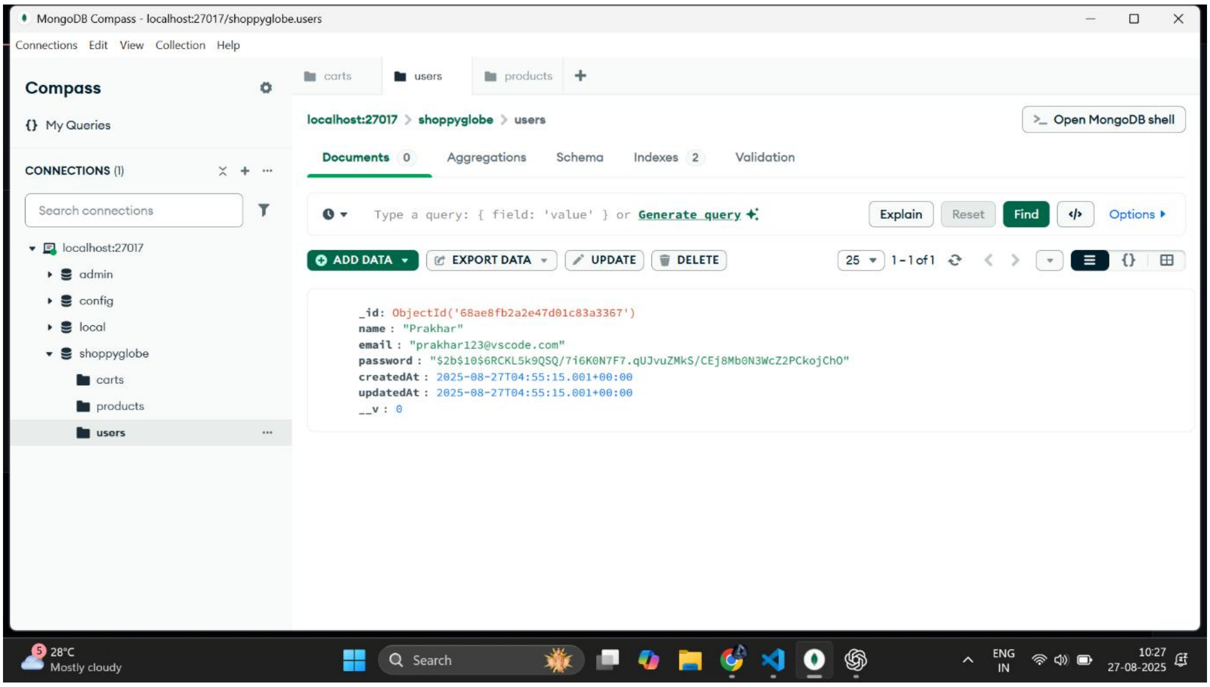
```
{
  "name":"User2",
  "email": "Prakhar123@vscode.com",
  "password": "321321"
}
```

Status: 400 Bad Request Size: 38 Bytes Time: 16 ms

```
{
  "message": "Email already registered"
}
```

```
POST /cart 201 70.767 ms - 391
POST /register 201 124.581 ms - 265
POST /register 400 4.019 ms - 38
```

3.SCREENSHOT FROM MONGODB WITH USER DETAILS REGISTERED:

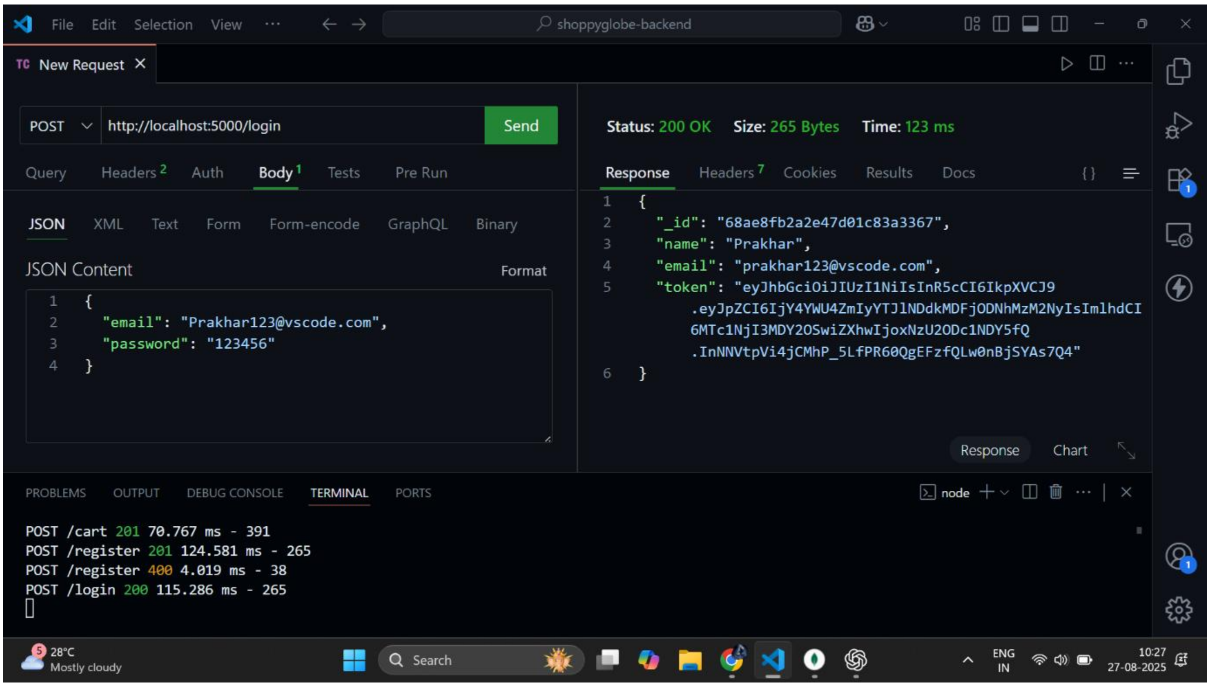


MongoDB Compass - localhost:27017/shoppyglobe.users
Connections Edit View Collection Help
Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
carts users products
localhost:27017 > shoppyglobe > users
Open MongoDB shell
Documents 0 Aggregations Schema Indexes 2 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
25 1 - 1 of 1
28°C Mostly cloudy
Search
ENG IN
10:27 27-08-2025

```
_id: ObjectId('68ae8fb2a2e47d01c83a3367')
name : "Prakhar"
email : "prakhar123@vscode.com"
password : "$2b$10$6RCKL5k9QSQ/7i6K0N7F7.qUJvuZMkS/CEj8Mb0N3WcZ2PCkojChO"
createdAt : 2025-08-27T04:55:15.001+00:00
updatedAt : 2025-08-27T04:55:15.001+00:00
__v : 0
```

B. POST LOGIN:

1. THUNDERCLIENT SCREENSHOT: TOKEN GENERATION


File Edit Selection View
shoppyglobe-backend
New Request
Query Headers 2 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
JSON Content
Format
Send
Response Headers 7 Cookies Results Docs
Response Chart
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
node
28°C Mostly cloudy
Search
ENG IN
10:27 27-08-2025

POST http://localhost:5000/login

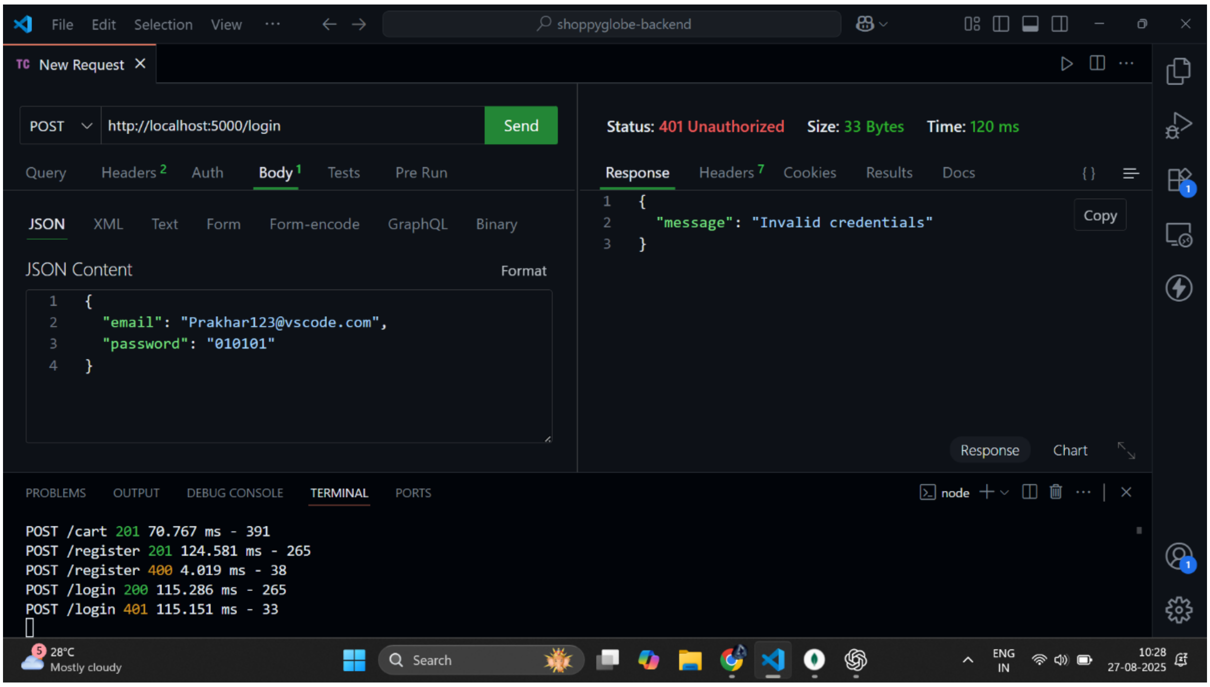
```
{
  "email": "Prakhar123@vscode.com",
  "password": "123456"
}
```

Status: 200 OK Size: 265 Bytes Time: 123 ms

```
{
  "_id": "68ae8fb2a2e47d01c83a3367",
  "name": "Prakhar",
  "email": "prakhar123@vscode.com",
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9
    .eyJpZCI6IjY4YWU4ZmIyYTJlNDdkMDFjODNhMzM2NyIsImlhdCI
    6MTc1NjI3MDY2OSwiZXhwIjoxNzU2ODc1NDY5fQ
    .InNNVtpVi4jCMhP_5LfPR60QgEFzfQLw0nBjSYAs7Q4"
}
```

```
POST /cart 201 70.767 ms - 391
POST /register 201 124.581 ms - 265
POST /register 400 4.019 ms - 38
POST /login 200 115.286 ms - 265
```

2.INVALID CREDENTIALS:


File Edit Selection View
shoppyglobe-backend
New Request
Query Headers 2 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
JSON Content
Format
Send
Response Headers 7 Cookies Results Docs
Copy
Response Chart
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
node
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Search
ENG IN
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POST http://localhost:5000/login

```
{
  "email": "Prakhar123@vscode.com",
  "password": "010101"
}
```

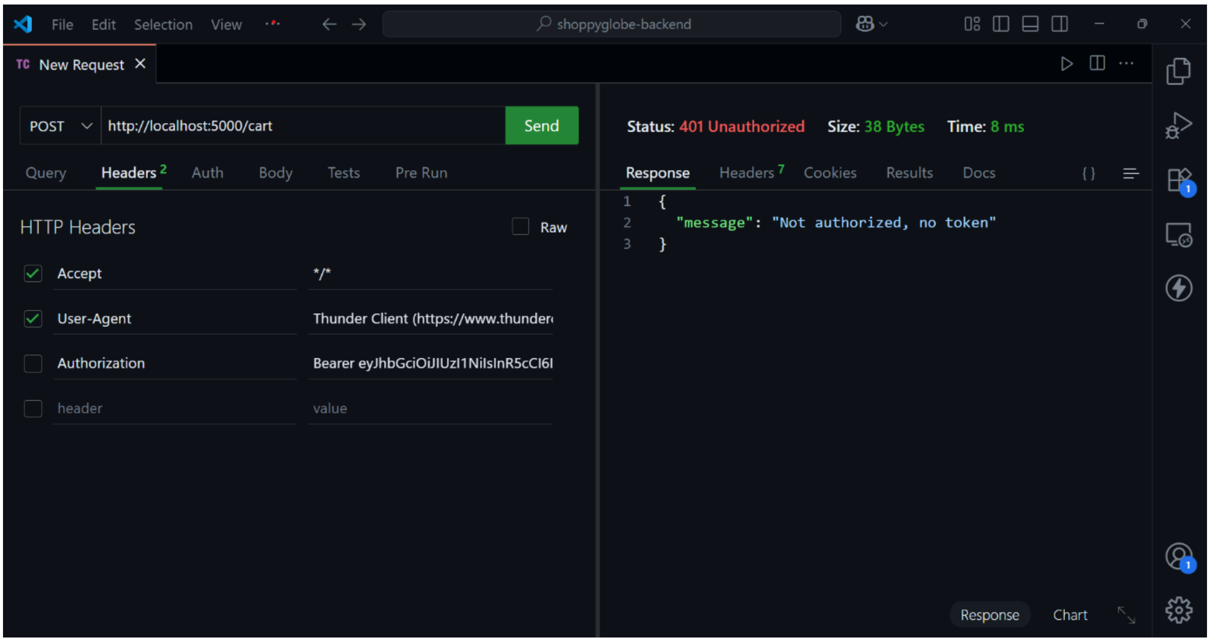
Status: 401 Unauthorized Size: 33 Bytes Time: 120 ms

```
{
  "message": "Invalid credentials"
}
```

```
POST /cart 201 70.767 ms - 391
POST /register 201 124.581 ms - 265
POST /register 400 4.019 ms - 38
POST /login 200 115.286 ms - 265
POST /login 401 115.151 ms - 33
```

C. CART METHODS:

1.POST CART WITHOUT TOKEN:


File Edit Selection View
shoppyglobe-backend
New Request
Query Headers 2 Auth Body Tests Pre Run
Response Headers 7 Cookies Results Docs
Response Chart

POST http://localhost:5000/cart Send

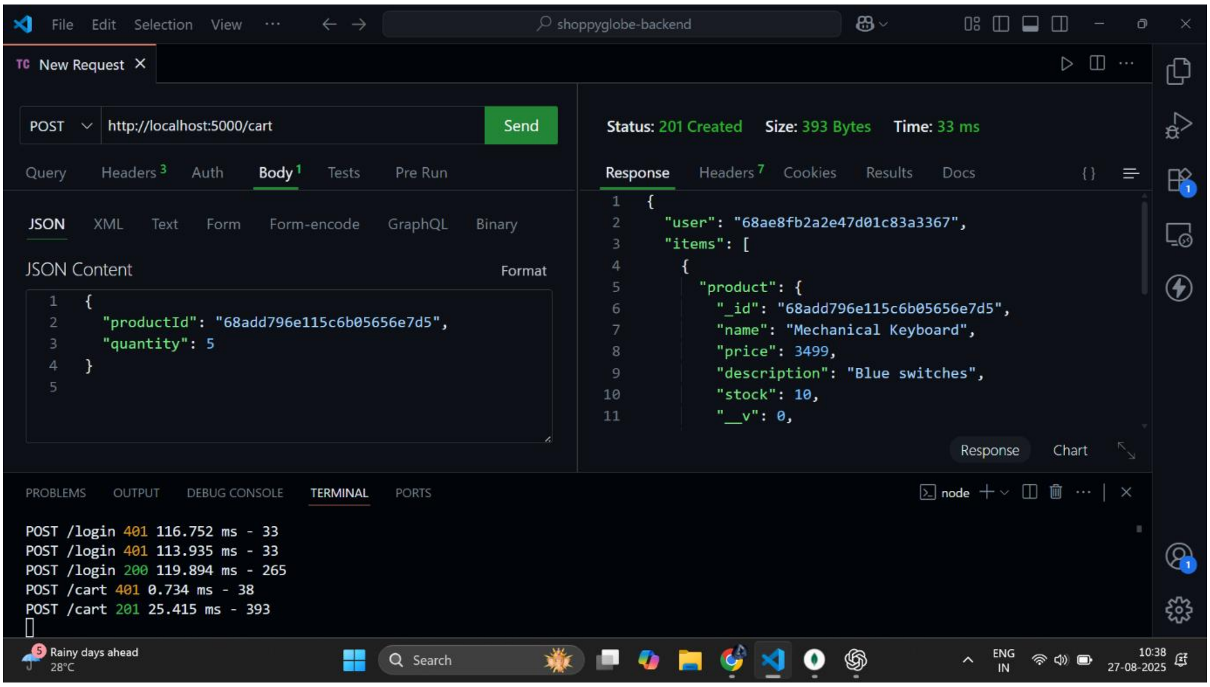
Status: 401 Unauthorized Size: 38 Bytes Time: 8 ms

HTTP Headers □ Raw

☑	Accept	*/*
☑	User-Agent	Thunder Client (https://www.thunder
□	Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6I
□	header	value

```
{
  "message": "Not authorized, no token"
}
```

2.POST CART WITH TOKEN:


File Edit Selection View
shoppyglobe-backend
New Request
Query Headers 3 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
Format
Response Headers 7 Cookies Results Docs
Response Chart
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
node
Rainy days ahead
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Search
ENG
IN
10:38
27-08-2025

POST http://localhost:5000/cart Send

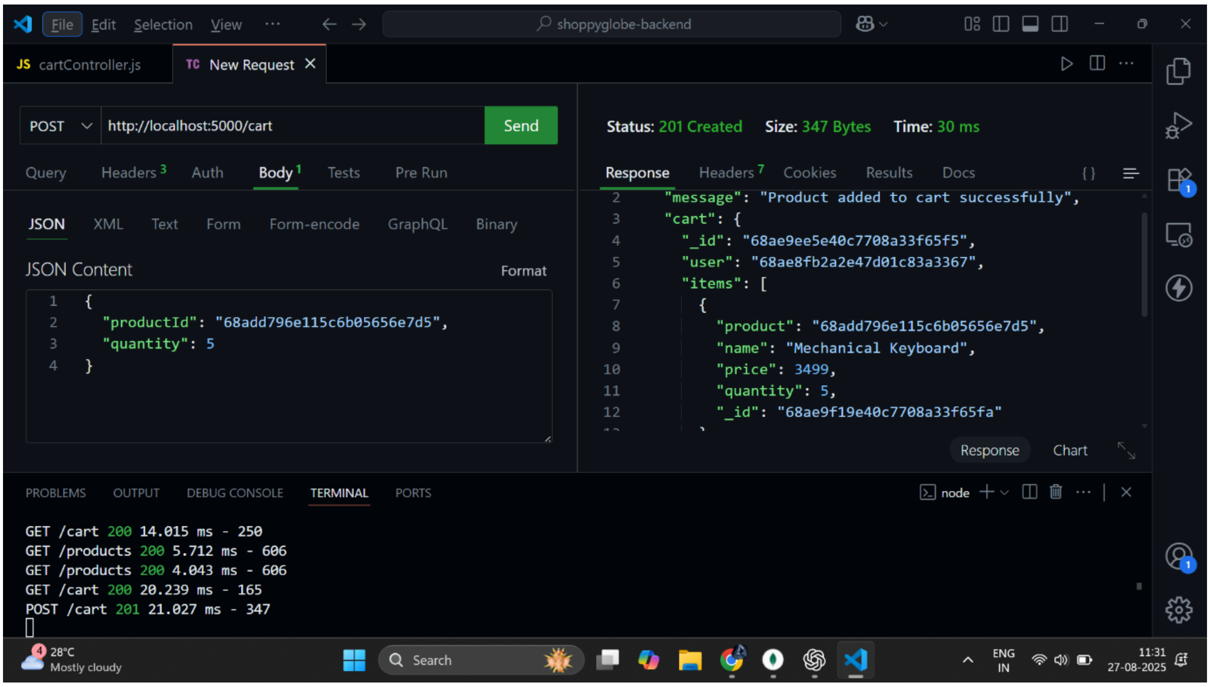
Status: 201 Created Size: 393 Bytes Time: 33 ms

JSON Content

```
{
  "productId": "68add796e115c6b05656e7d5",
  "quantity": 5
}
```

```
{
  "user": "68ae8fb2a2e47d01c83a3367",
  "items": [
    {
      "product": {
        "_id": "68add796e115c6b05656e7d5",
        "name": "Mechanical Keyboard",
        "price": 3499,
        "description": "Blue switches",
        "stock": 10,
        "__v": 0,
```

```
POST /login 401 116.752 ms - 33
POST /login 401 113.935 ms - 33
POST /login 200 119.894 ms - 265
POST /cart 401 0.734 ms - 38
POST /cart 201 25.415 ms - 393
```


File Edit Selection View
shoppyglobe-backend
cartController.js
New Request
Query Headers 3 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
JSON Content
Format
Send
Response Headers 7 Cookies Results Docs
Response Chart
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
node
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Mostly cloudy
Search
ENG
IN
11:31
27-08-2025

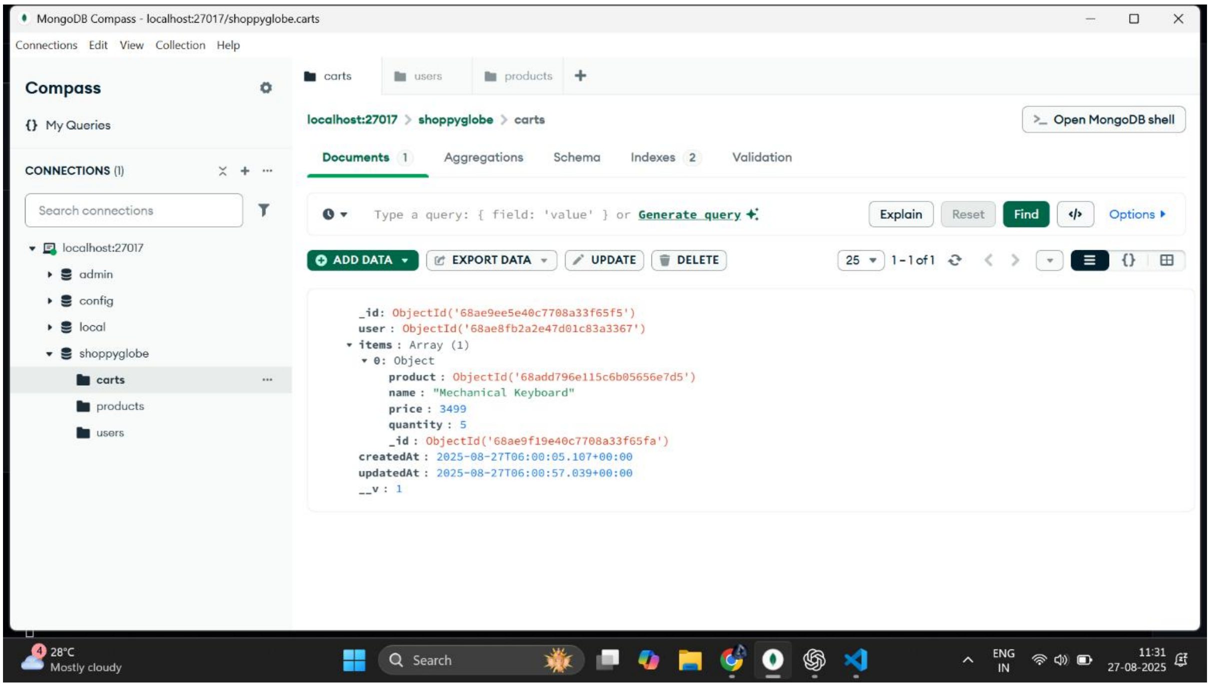
POST http://localhost:5000/cart

```
{
  "productId": "68add796e115c6b05656e7d5",
  "quantity": 5
}
```

Status: 201 Created Size: 347 Bytes Time: 30 ms

```
  "message": "Product added to cart successfully",
  "cart": {
    "_id": "68ae9ee5e40c7708a33f65f5",
    "user": "68ae8fb2a2e47d01c83a3367",
    "items": [
      {
        "product": "68add796e115c6b05656e7d5",
        "name": "Mechanical Keyboard",
        "price": 3499,
        "quantity": 5,
        "_id": "68ae9f19e40c7708a33f65fa"
```

```
GET /cart 200 14.015 ms - 250
GET /products 200 5.712 ms - 606
GET /products 200 4.043 ms - 606
GET /cart 200 20.239 ms - 165
POST /cart 201 21.027 ms - 347
```


MongoDB Compass - localhost:27017/shoppyglobe.carts
Connections Edit View Collection Help
Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
carts users products
localhost:27017 > shoppyglobe > carts
Open MongoDB shell
Documents 1 Aggregations Schema Indexes 2 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
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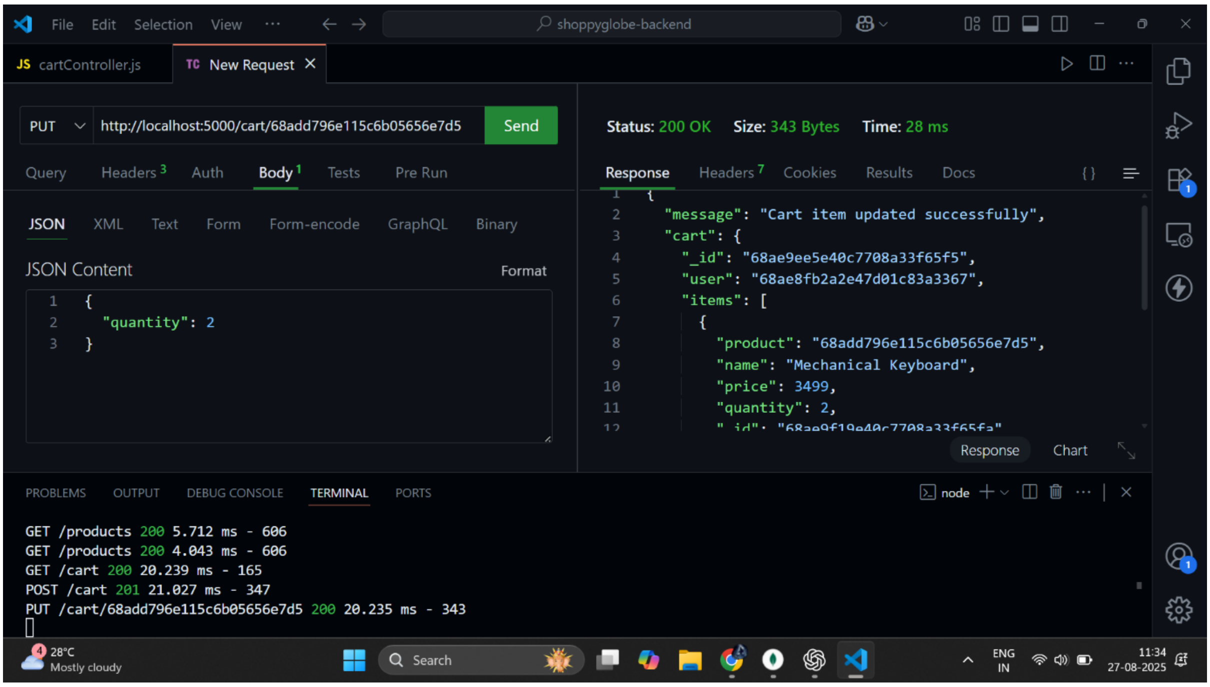
28°C
Mostly cloudy
Search
ENG
IN
11:31
27-08-2025

```
_id: ObjectId('68ae9ee5e40c7708a33f65f5')
user : ObjectId('68ae8fb2a2e47d01c83a3367')
items : Array (1)
  0: Object
    product : ObjectId('68add796e115c6b05656e7d5')
    name : "Mechanical Keyboard"
    price : 3499
    quantity : 5
    _id : ObjectId('68ae9f19e40c7708a33f65fa')
createdAt : 2025-08-27T06:00:05.107+00:00
updatedAt : 2025-08-27T06:00:57.039+00:00
__v : 1
```

3.POST CART BY PRODUCT ID:



PUT http://localhost:5000/cart/68add796e115c6b05656e7d5

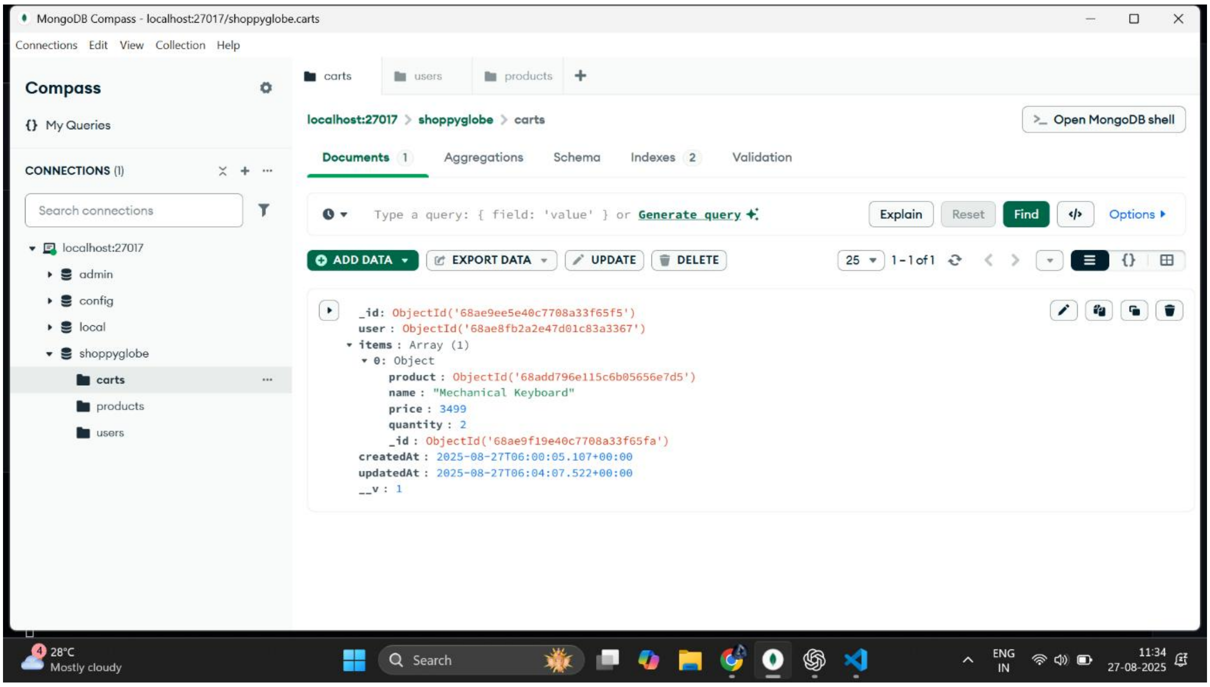
JSON Content

```
{
  "quantity": 2
}
```

Status: 200 OK Size: 343 Bytes Time: 28 ms

```
{
  "message": "Cart item updated successfully",
  "cart": {
    "_id": "68ae9ee5e40c7708a33f65f5",
    "user": "68ae8fb2a2e47d01c83a3367",
    "items": [
      {
        "product": "68add796e115c6b05656e7d5",
        "name": "Mechanical Keyboard",
        "price": 3499,
        "quantity": 2,
        "_id": "68ae9f19e40c7708a33f65fa"
```

```
GET /products 200 5.712 ms - 606
GET /products 200 4.043 ms - 606
GET /cart 200 20.239 ms - 165
POST /cart 201 21.027 ms - 347
PUT /cart/68add796e115c6b05656e7d5 200 20.235 ms - 343
```

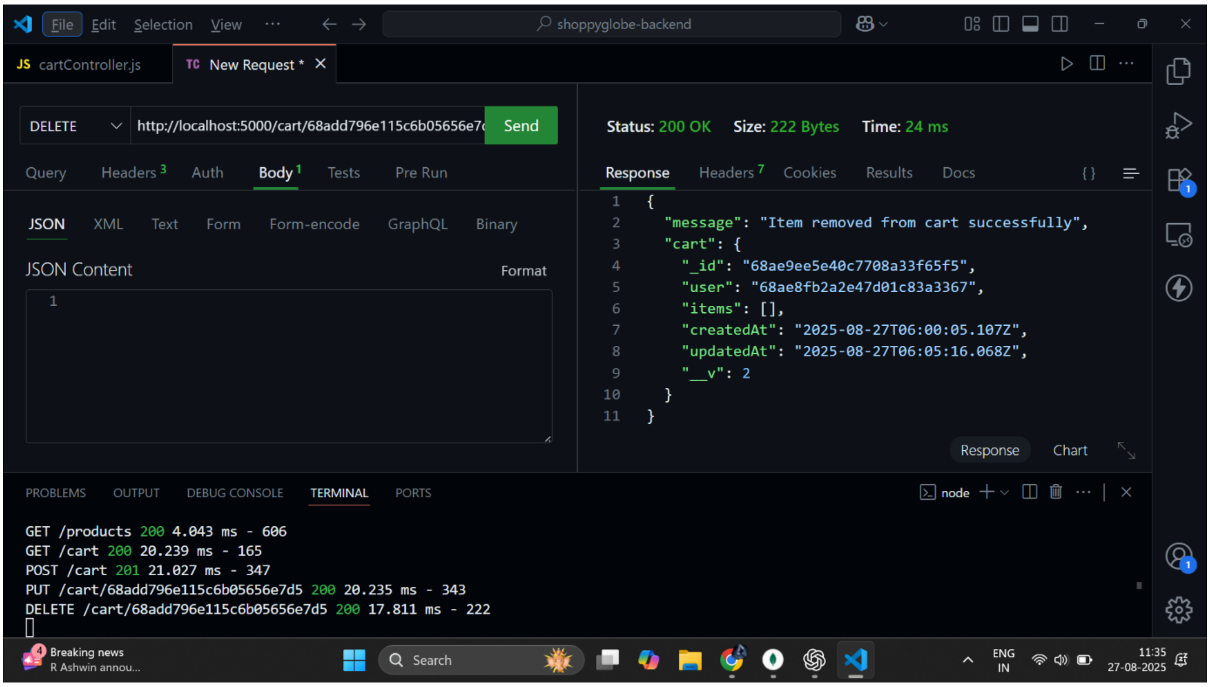


MongoDB Compass - localhost:27017/shoppyglobe.carts

localhost:27017 > shoppyglobe > carts

```
_id: ObjectId('68ae9ee5e40c7708a33f65f5')
user : ObjectId('68ae8fb2a2e47d01c83a3367')
items : Array (1)
  0: Object
    product : ObjectId('68add796e115c6b05656e7d5')
    name : "Mechanical Keyboard"
    price : 3499
    quantity : 2
    _id : ObjectId('68ae9f19e40c7708a33f65fa')
createdAt : 2025-08-27T06:00:05.107+00:00
updatedAt : 2025-08-27T06:04:07.522+00:00
__v : 1
```

4. DELELTE CART ITEM:

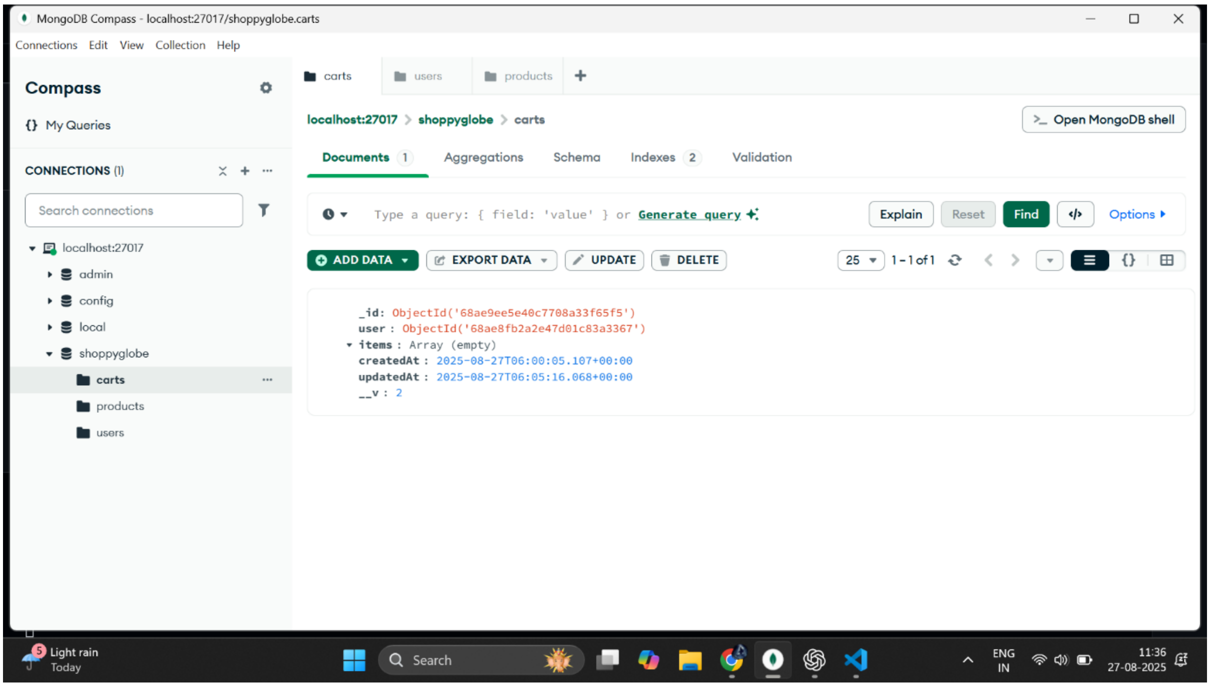


DELETE http://localhost:5000/cart/68add796e115c6b05656e7d

Status: 200 OK Size: 222 Bytes Time: 24 ms

```
{
  "message": "Item removed from cart successfully",
  "cart": {
    "_id": "68ae9ee5e40c7708a33f65f5",
    "user": "68ae8fb2a2e47d01c83a3367",
    "items": [],
    "createdAt": "2025-08-27T06:00:05.107Z",
    "updatedAt": "2025-08-27T06:05:16.068Z",
    "__v": 2
  }
}
```

```
GET /products 200 4.043 ms - 606
GET /cart 200 20.239 ms - 165
POST /cart 201 21.027 ms - 347
PUT /cart/68add796e115c6b05656e7d5 200 20.235 ms - 343
DELETE /cart/68add796e115c6b05656e7d5 200 17.811 ms - 222
```



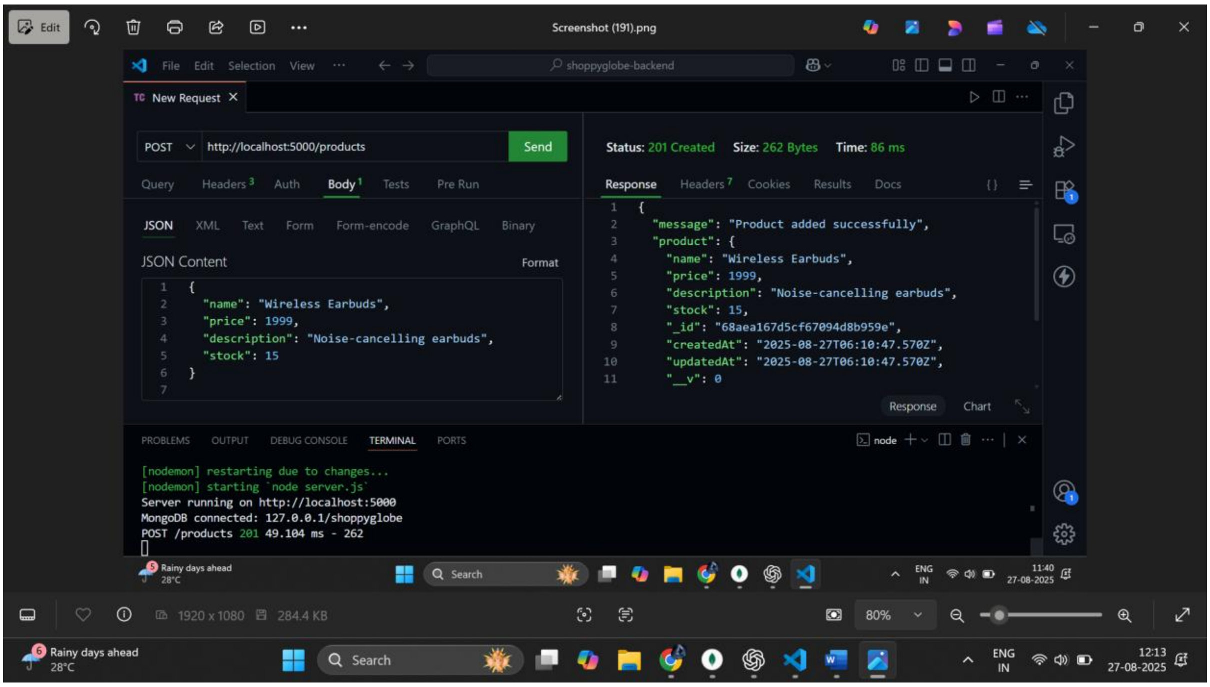
MongoDB Compass - localhost:27017/shoppyglobe.carts

localhost:27017 > shoppyglobe > carts

```
_id: ObjectId('68ae9ee5e40c7708a33f65f5')
user : ObjectId('68ae8fb2a2e47d01c83a3367')
items : Array (empty)
createdAt : 2025-08-27T06:00:05.107+00:00
updatedAt : 2025-08-27T06:05:16.068+00:00
__v : 2
```

MONGO – dB CRUD OPERATIONS:

1.POST PRODUCT-


Screenshot (191).png
shoppyglobe-backend
New Request
Query Headers 3 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
Response Headers 7 Cookies Results Docs
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

POST http://localhost:5000/products Send

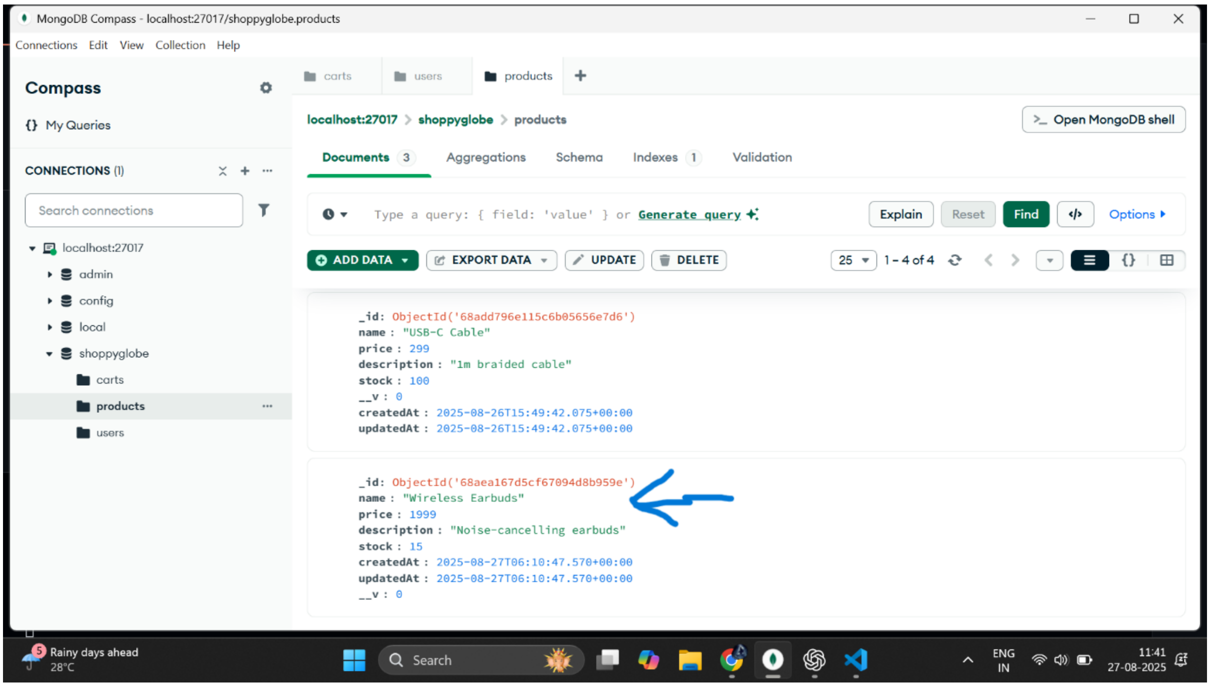
JSON Content

```
{
  "name": "Wireless Earbuds",
  "price": 1999,
  "description": "Noise-cancelling earbuds",
  "stock": 15
}
```

Status: 201 Created Size: 262 Bytes Time: 86 ms

```
{
  "message": "Product added successfully",
  "product": {
    "name": "Wireless Earbuds",
    "price": 1999,
    "description": "Noise-cancelling earbuds",
    "stock": 15,
    "_id": "68aea167d5cf67094d8b959e",
    "createdAt": "2025-08-27T06:10:47.570Z",
    "updatedAt": "2025-08-27T06:10:47.570Z",
    "__v": 0
```

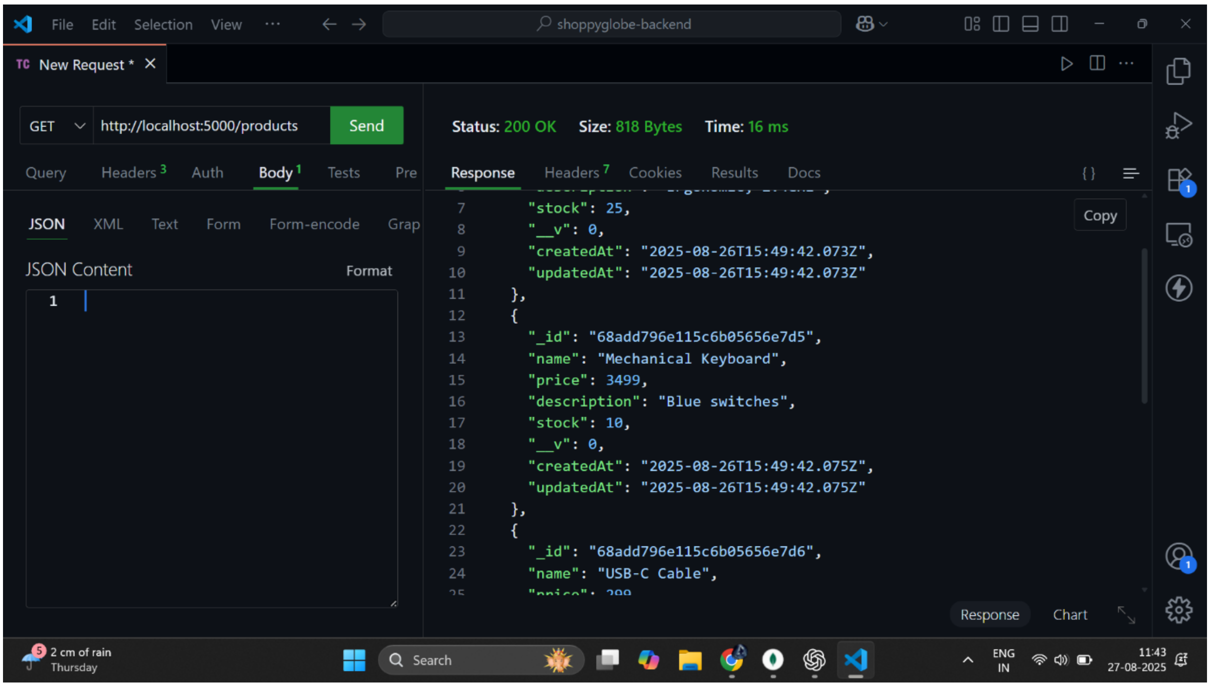
```
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
Server running on http://localhost:5000
MongoDB connected: 127.0.0.1/shoppyglobe
POST /products 201 49.104 ms - 262
```


MongoDB Compass - localhost:27017/shoppyglobe.products
Connections Edit View Collection Help
Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
localhost:27017 > shoppyglobe > products
Open MongoDB shell
Documents 3 Aggregations Schema Indexes 1 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
25 1 – 4 of 4

```
_id: ObjectId('68add796e115c6b05656e7d6')
name : "USB-C Cable"
price : 299
description : "1m braided cable"
stock : 100
__v : 0
createdAt : 2025-08-26T15:49:42.075+00:00
updatedAt : 2025-08-26T15:49:42.075+00:00
```

```
_id: ObjectId('68aea167d5cf67094d8b959e')
name : "Wireless Earbuds"
price : 1999
description : "Noise-cancelling earbuds"
stock : 15
createdAt : 2025-08-27T06:10:47.570+00:00
updatedAt : 2025-08-27T06:10:47.570+00:00
__v : 0
```

2. GET ALL PRODUCTS:

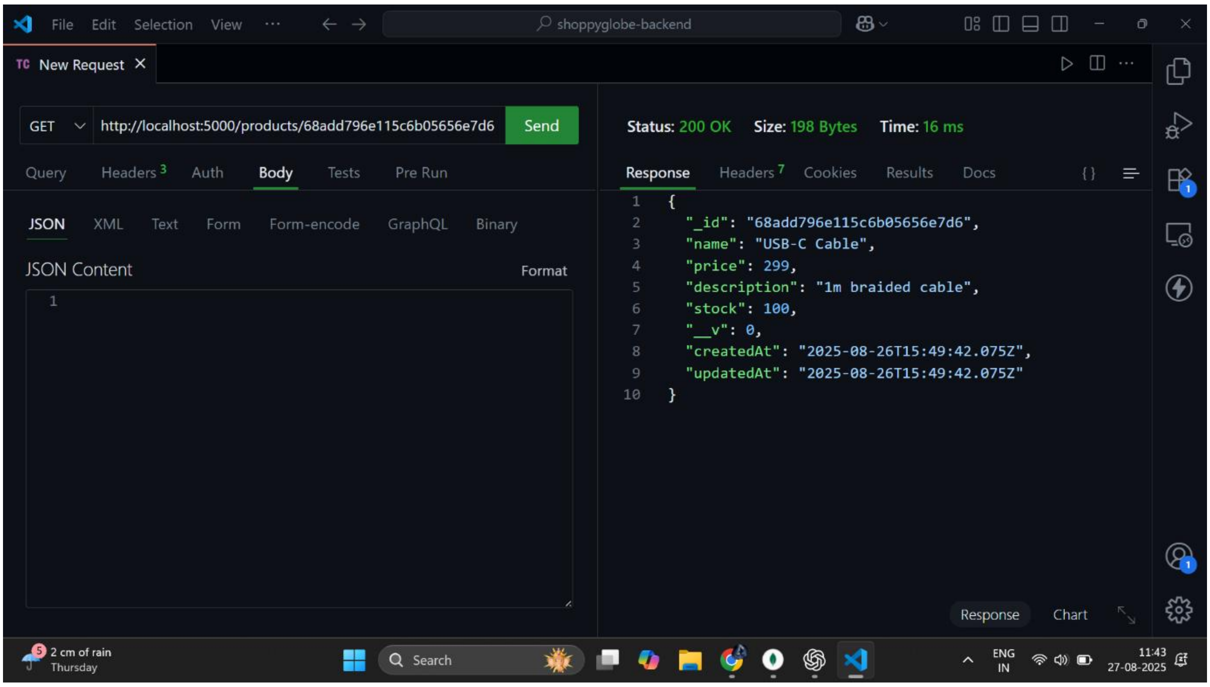

File Edit Selection View
shoppyglobe-backend
New Request *
Query Headers 3 Auth Body 1 Tests Pre
JSON XML Text Form Form-encode Graph
JSON Content Format
Response Headers 7 Cookies Results Docs
Copy
Response Chart

GET http://localhost:5000/products Send

Status: 200 OK Size: 818 Bytes Time: 16 ms

```
    "stock": 25,
    "__v": 0,
    "createdAt": "2025-08-26T15:49:42.073Z",
    "updatedAt": "2025-08-26T15:49:42.073Z"
  },
  {
    "_id": "68add796e115c6b05656e7d5",
    "name": "Mechanical Keyboard",
    "price": 3499,
    "description": "Blue switches",
    "stock": 10,
    "__v": 0,
    "createdAt": "2025-08-26T15:49:42.075Z",
    "updatedAt": "2025-08-26T15:49:42.075Z"
  },
  {
    "_id": "68add796e115c6b05656e7d6",
    "name": "USB-C Cable",
    "price": 299
```

3.FETCH PRODUCT BY USING ID:


File Edit Selection View
shoppyglobe-backend
New Request
Query Headers 3 Auth Body Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
JSON Content Format
Response Headers 7 Cookies Results Docs
Response Chart

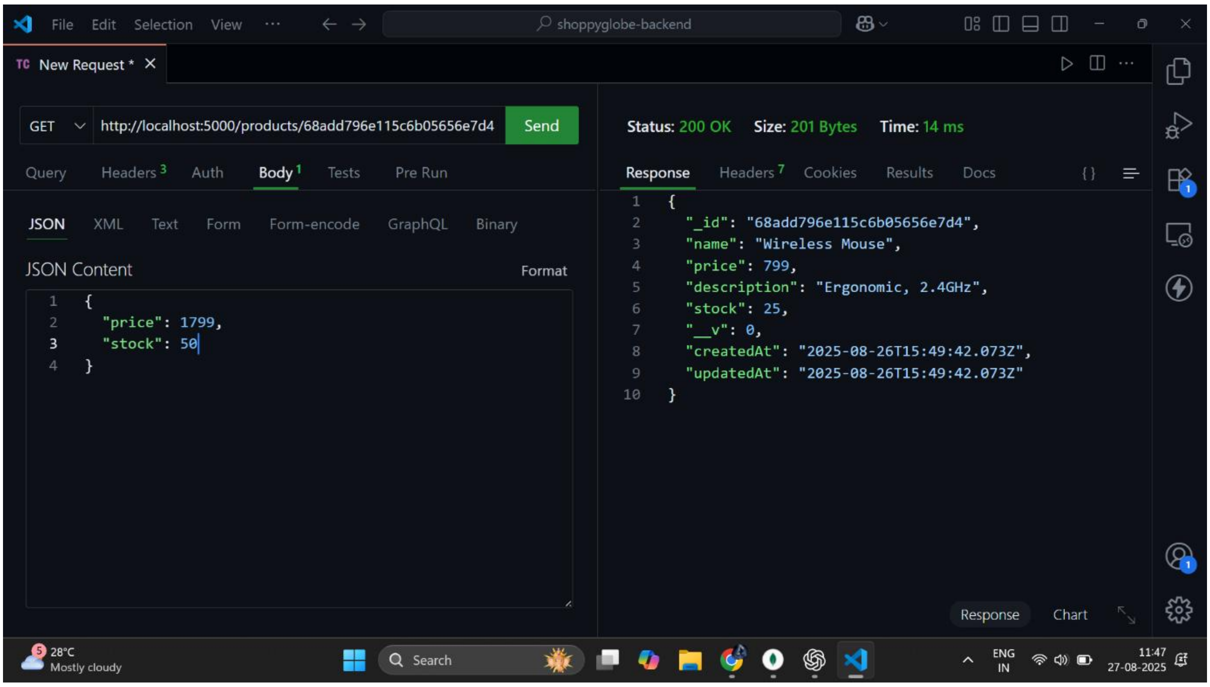
GET http://localhost:5000/products/68add796e115c6b05656e7d6 Send

Status: 200 OK Size: 198 Bytes Time: 16 ms

```
{
  "_id": "68add796e115c6b05656e7d6",
  "name": "USB-C Cable",
  "price": 299,
  "description": "1m braided cable",
  "stock": 100,
  "__v": 0,
  "createdAt": "2025-08-26T15:49:42.075Z",
  "updatedAt": "2025-08-26T15:49:42.075Z"
}
```

4.UPDATE PRODUCT ON MONGO dB-
THUNDERCLIENT SS:

BEFORE:


File Edit Selection View ···
shoppyglobe-backend
TC New Request *
Query Headers 3 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
Format
Response Headers 7 Cookies Results Docs
Response Chart
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Search
ENG
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11:47
27-08-2025

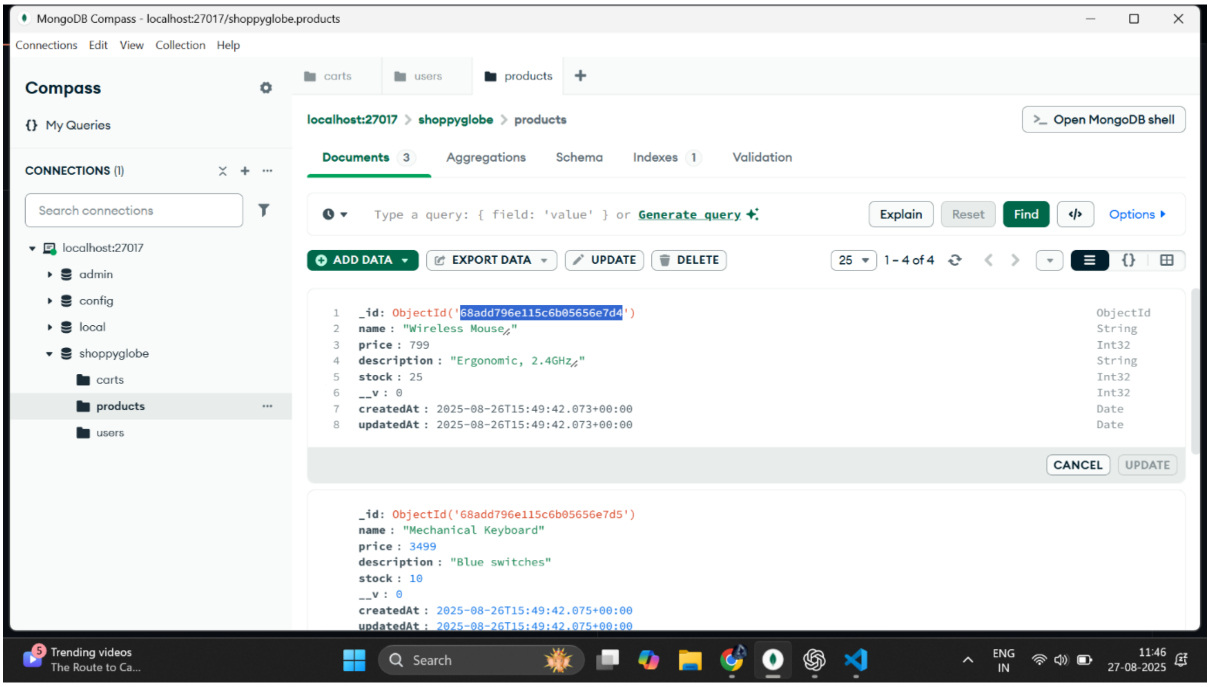
GET http://localhost:5000/products/68add796e115c6b05656e7d4 Send

JSON Content

```
{
  "price": 1799,
  "stock": 50
}
```

Status: 200 OK Size: 201 Bytes Time: 14 ms

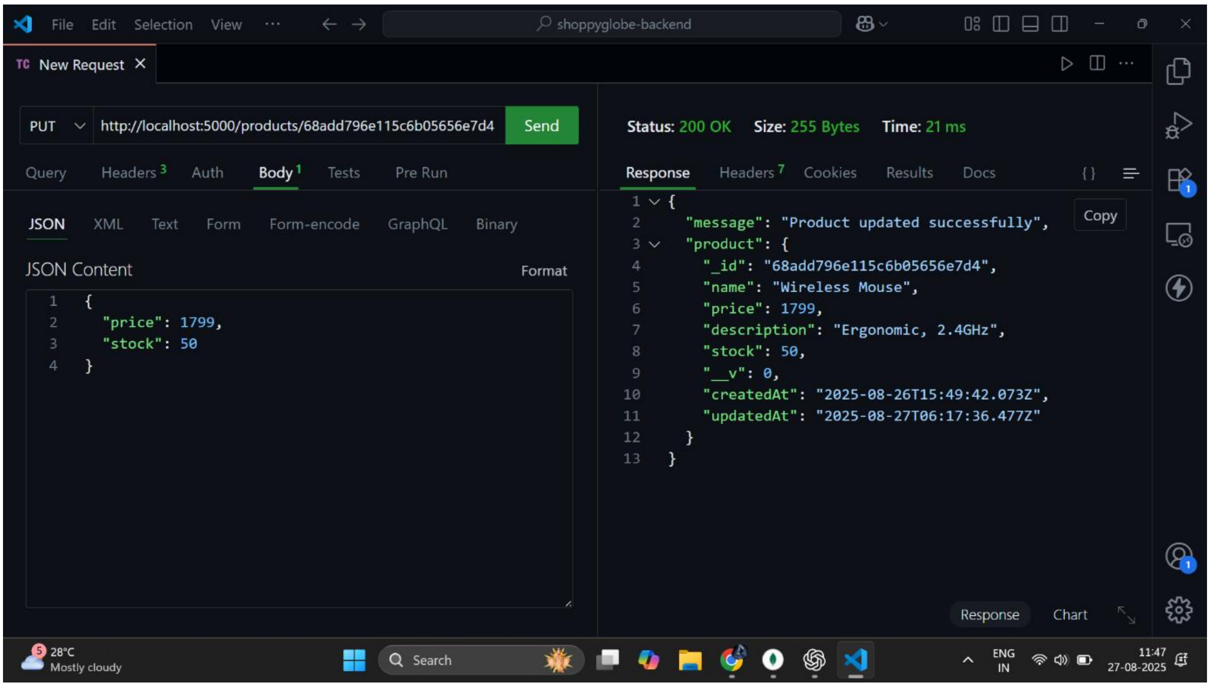
```
{
  "_id": "68add796e115c6b05656e7d4",
  "name": "Wireless Mouse",
  "price": 799,
  "description": "Ergonomic, 2.4GHz",
  "stock": 25,
  "__v": 0,
  "createdAt": "2025-08-26T15:49:42.073Z",
  "updatedAt": "2025-08-26T15:49:42.073Z"
}
```


MongoDB Compass - localhost:27017/shoppyglobe.products
Connections Edit View Collection Help
Compass
{} My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
carts users products +
localhost:27017 > shoppyglobe > products
Open MongoDB shell
Documents 3 Aggregations Schema Indexes 1 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
25 1 – 4 of 4
CANCEL UPDATE
Trending videos
The Route to Ca...
Search
ENG
IN
11:46
27-08-2025

```
_id: ObjectId('68add796e115c6b05656e7d4')        ObjectId
name : "Wireless Mouse"                           String
price : 799                                        Int32
description : "Ergonomic, 2.4GHz"                 String
stock : 25                                         Int32
__v : 0                                            Int32
createdAt : 2025-08-26T15:49:42.073+00:00          Date
updatedAt : 2025-08-26T15:49:42.073+00:00          Date
```

```
_id: ObjectId('68add796e115c6b05656e7d5')
name : "Mechanical Keyboard"
price : 3499
description : "Blue switches"
stock : 10
__v : 0
createdAt : 2025-08-26T15:49:42.075+00:00
updatedAt : 2025-08-26T15:49:42.075+00:00
```

AFTER UPDATE:



File Edit Selection View ···
shoppyglobe-backend
New Request
Query Headers 3 Auth Body 1 Tests Pre Run
JSON XML Text Form Form-encode GraphQL Binary
Format
Response Headers 7 Cookies Results Docs
Copy
Response Chart
28°C Mostly cloudy
Search
ENG IN
11:47 27-08-2025

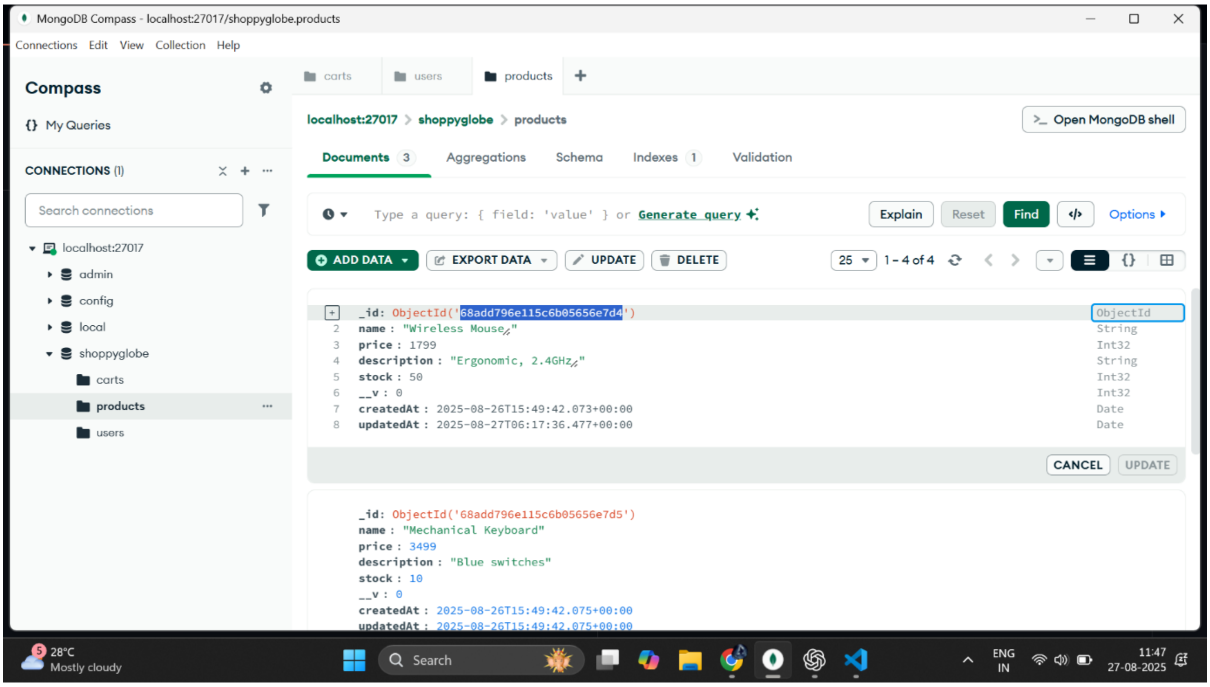
PUT http://localhost:5000/products/68add796e115c6b05656e7d4 Send

Status: 200 OK Size: 255 Bytes Time: 21 ms

JSON Content

```
{
  "price": 1799,
  "stock": 50
}
```

```
{
  "message": "Product updated successfully",
  "product": {
    "_id": "68add796e115c6b05656e7d4",
    "name": "Wireless Mouse",
    "price": 1799,
    "description": "Ergonomic, 2.4GHz",
    "stock": 50,
    "__v": 0,
    "createdAt": "2025-08-26T15:49:42.073Z",
    "updatedAt": "2025-08-27T06:17:36.477Z"
  }
}
```

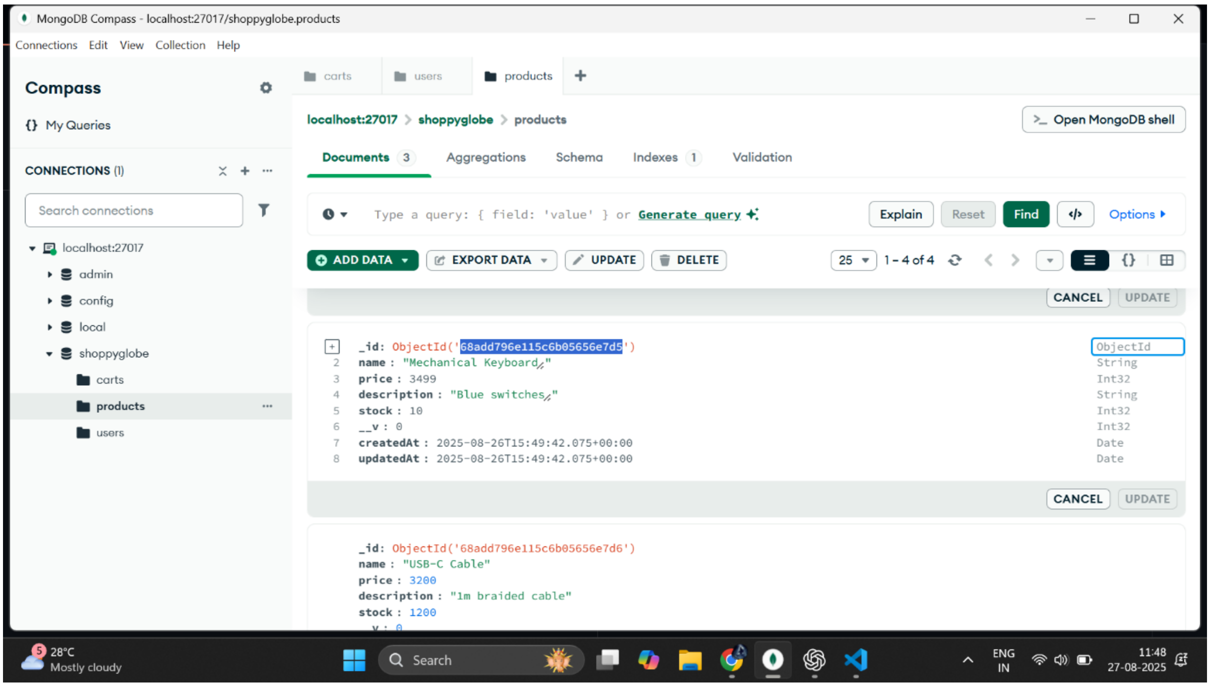


MongoDB Compass - localhost:27017/shoppyglobe.products
Connections Edit View Collection Help
Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
carts users products
localhost:27017 > shoppyglobe > products
Open MongoDB shell
Documents 3 Aggregations Schema Indexes 1 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
25 1 – 4 of 4
CANCEL UPDATE
28°C Mostly cloudy
Search
ENG IN
11:47 27-08-2025

```
_id: ObjectId('68add796e115c6b05656e7d4')      ObjectId
name : "Wireless Mouse"                          String
price : 1799                                     Int32
description : "Ergonomic, 2.4GHz"                String
stock : 50                                       Int32
__v : 0                                          Int32
createdAt : 2025-08-26T15:49:42.073+00:00        Date
updatedAt : 2025-08-27T06:17:36.477+00:00        Date
```

```
_id: ObjectId('68add796e115c6b05656e7d5')
name : "Mechanical Keyboard"
price : 3499
description : "Blue switches"
stock : 10
__v : 0
createdAt : 2025-08-26T15:49:42.075+00:00
updatedAt : 2025-08-26T15:49:42.075+00:00
```

5. DELETE PRODUCT :

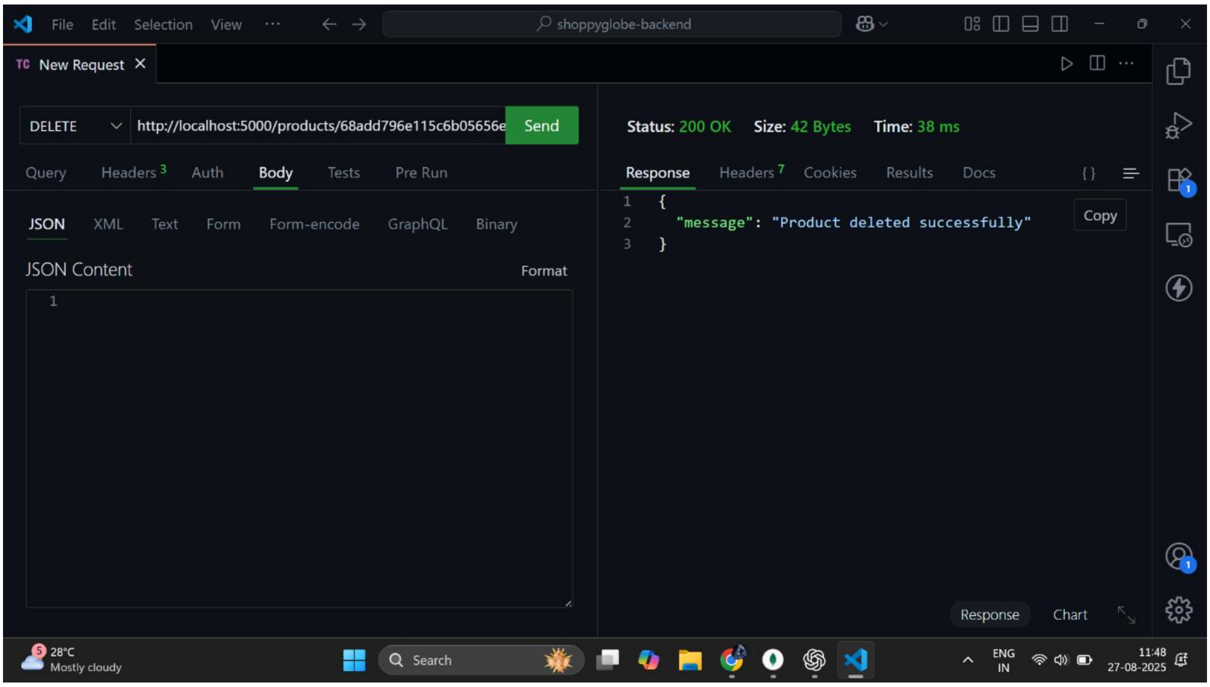

MongoDB Compass - localhost:27017/shoppyglobe.products
Connections Edit View Collection Help
Compass
My Queries
CONNECTIONS (1)
Search connections
localhost:27017
admin
config
local
shoppyglobe
carts
products
users
carts users products
localhost:27017 > shoppyglobe > products
Open MongoDB shell
Documents 3 Aggregations Schema Indexes 1 Validation
Type a query: { field: 'value' } or Generate query
Explain Reset Find Options
ADD DATA EXPORT DATA UPDATE DELETE
25 1 - 4 of 4
CANCEL UPDATE

```
_id: ObjectId('68add796e115c6b05656e7d5')      ObjectId
name : "Mechanical Keyboard"                     String
price : 3499                                     Int32
description : "Blue switches"                    String
stock : 10                                       Int32
__v : 0                                          Int32
createdAt : 2025-08-26T15:49:42.075+00:00        Date
updatedAt : 2025-08-26T15:49:42.075+00:00        Date
```

```
_id: ObjectId('68add796e115c6b05656e7d6')
name : "USB-C Cable"
price : 3200
description : "1m braided cable"
stock : 1200
```

28°C
Mostly cloudy
Search
ENG
IN
11:48
27-08-2025

THUNDERCLIENT SS:

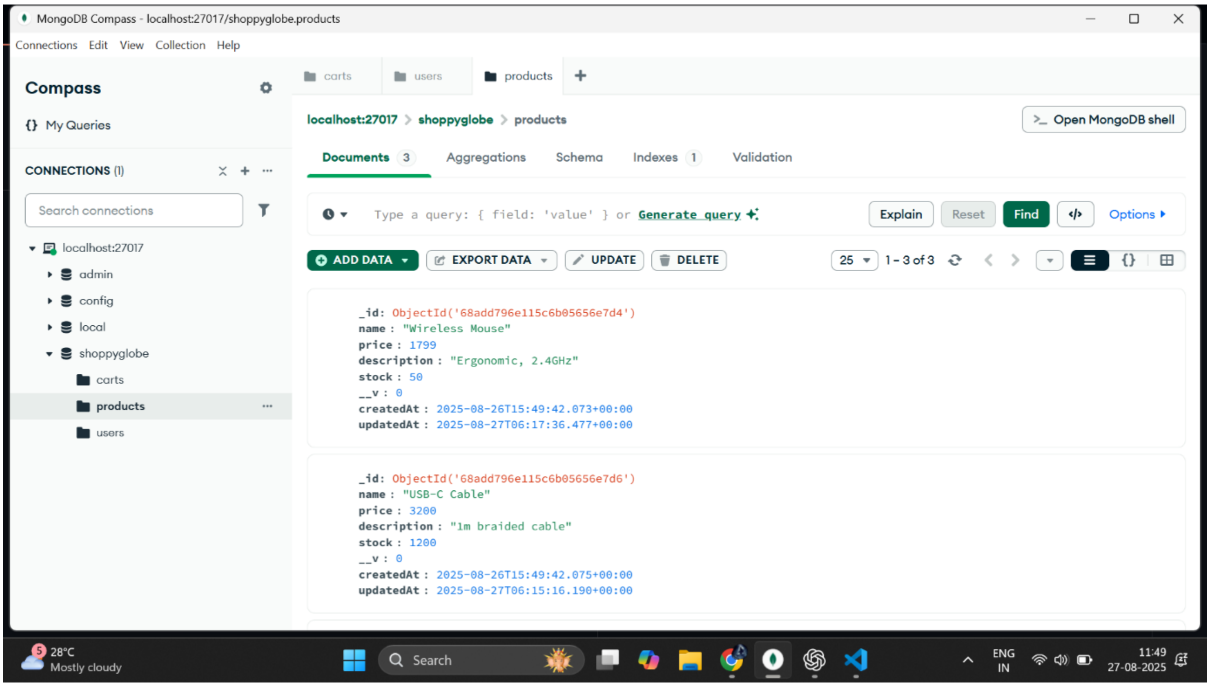


DELETE http://localhost:5000/products/68add796e115c6b05656e Send

Status: 200 OK Size: 42 Bytes Time: 38 ms

```
{
  "message": "Product deleted successfully"
}
```

AFTER DELETING PRODUCT:



```
_id: ObjectId('68add796e115c6b05656e7d4')
name : "Wireless Mouse"
price : 1799
description : "Ergonomic, 2.4GHz"
stock : 50
__v : 0
createdAt : 2025-08-26T15:49:42.073+00:00
updatedAt : 2025-08-27T06:17:36.477+00:00
```

```
_id: ObjectId('68add796e115c6b05656e7d6')
name : "USB-C Cable"
price : 3200
description : "1m braided cable"
stock : 1200
__v : 0
createdAt : 2025-08-26T15:49:42.075+00:00
updatedAt : 2025-08-27T06:15:16.190+00:00
```