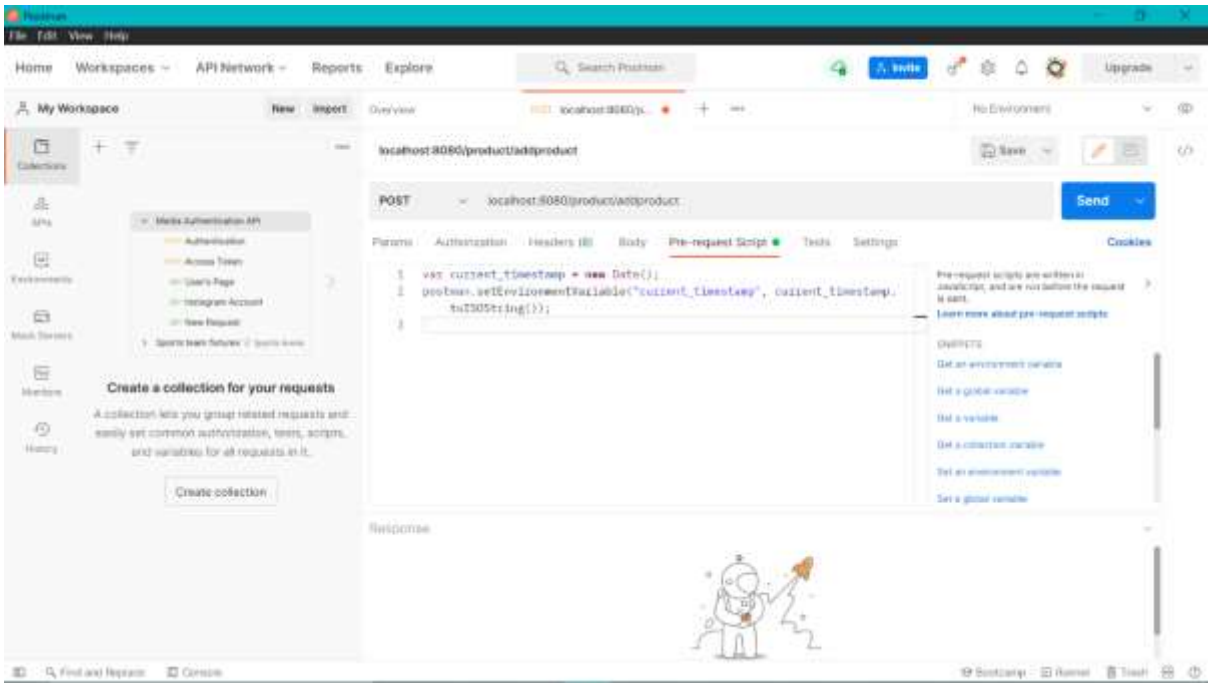
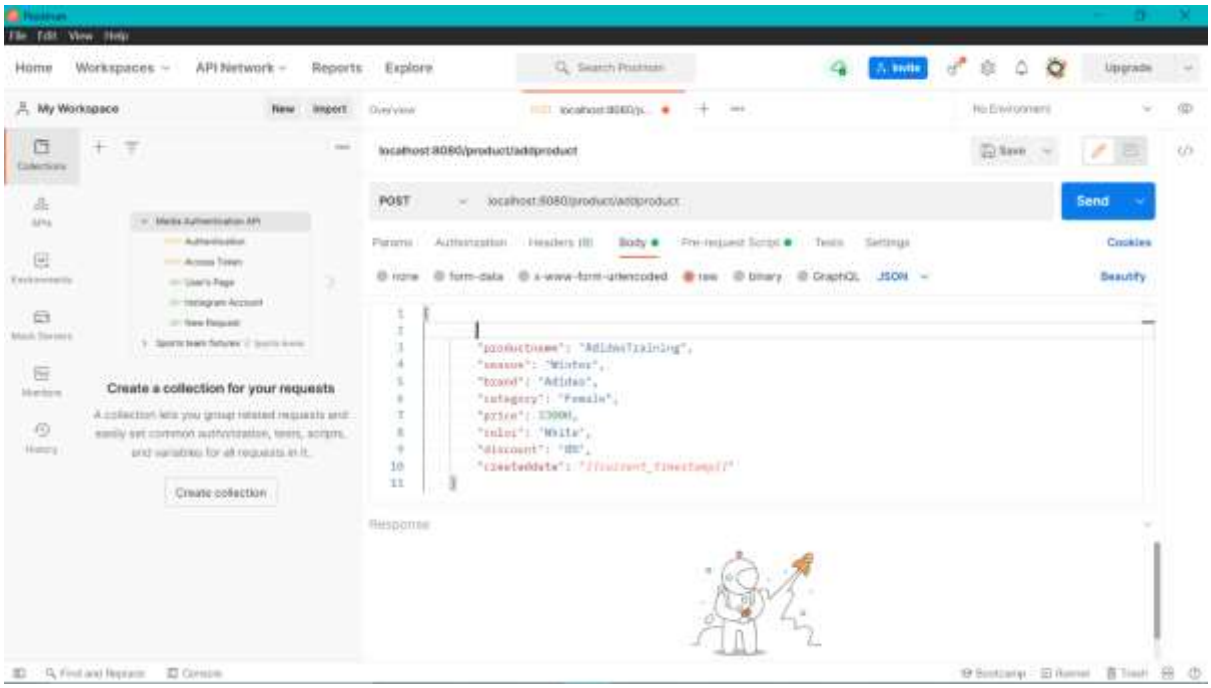
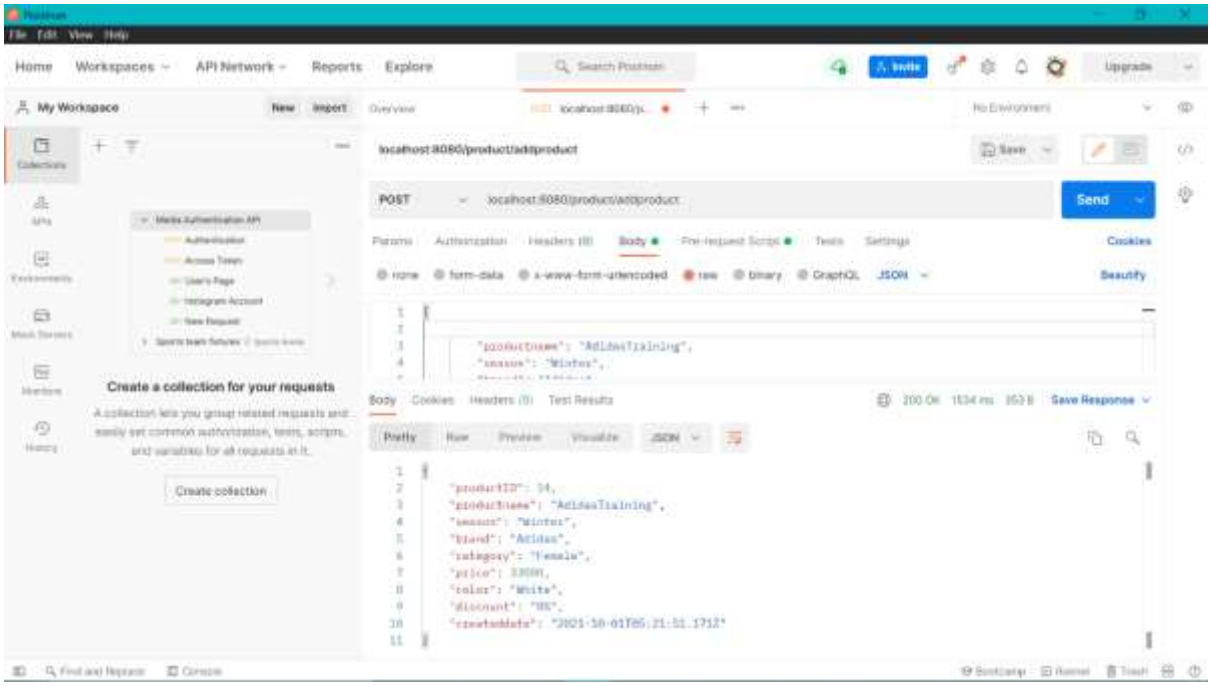
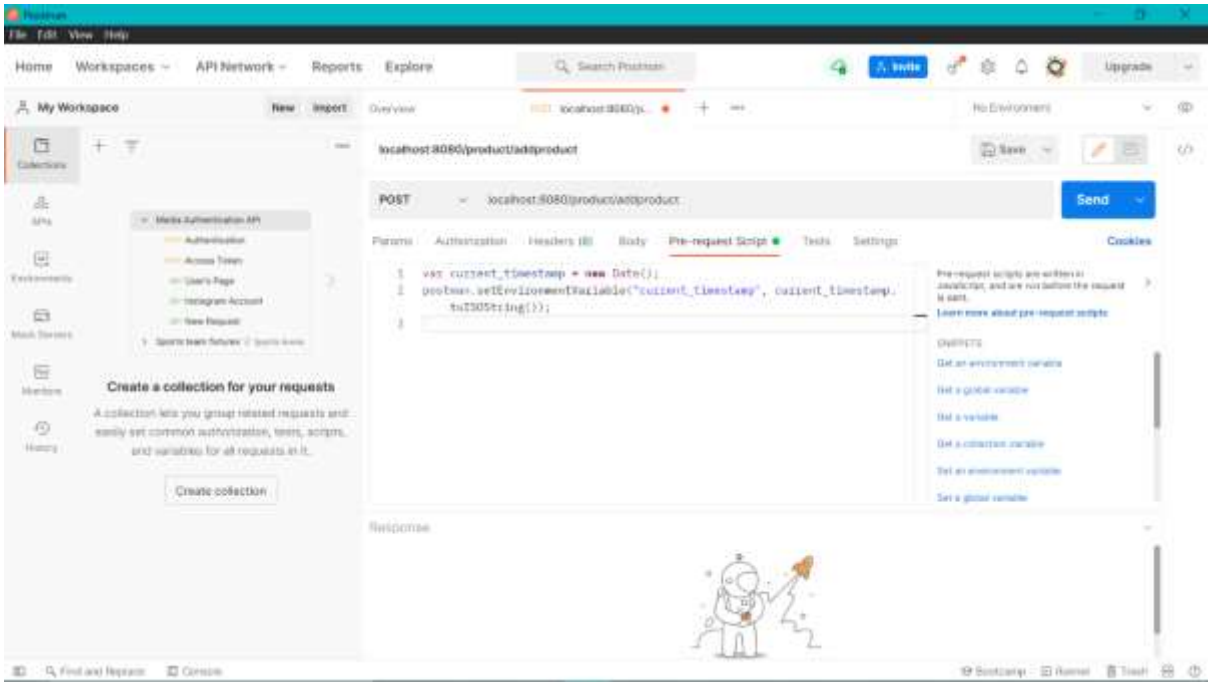

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/addproduct
POST
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
var current_timestamp = new Date();
pm.environment.set("current_timestamp", current_timestamp.toISOString());
Create a collection for your requests
Create collection
Response


Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/addproduct
POST
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
"productname": "AdidasTraining",
"season": "Winter",
"brand": "Adidas",
"category": "Female",
"price": 13000,
"color": "White",
"discount": "0%",
"createddate": "{{current_timestamp}}"
Create a collection for your requests
Create collection
Response

JAVA_FSD3_SPORTYSHOES_KAPILCHAUDHARY

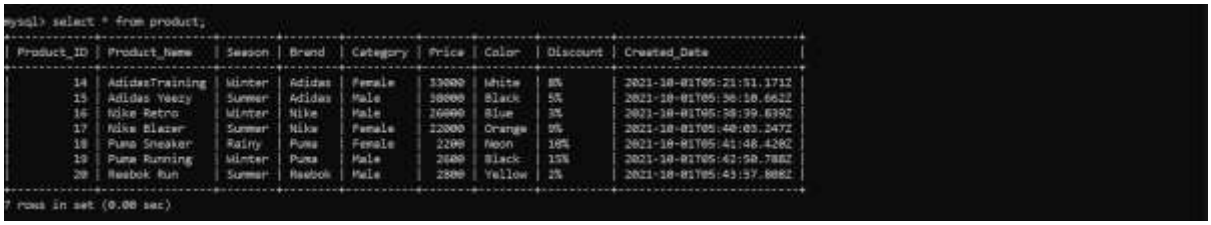
Product added through POST.



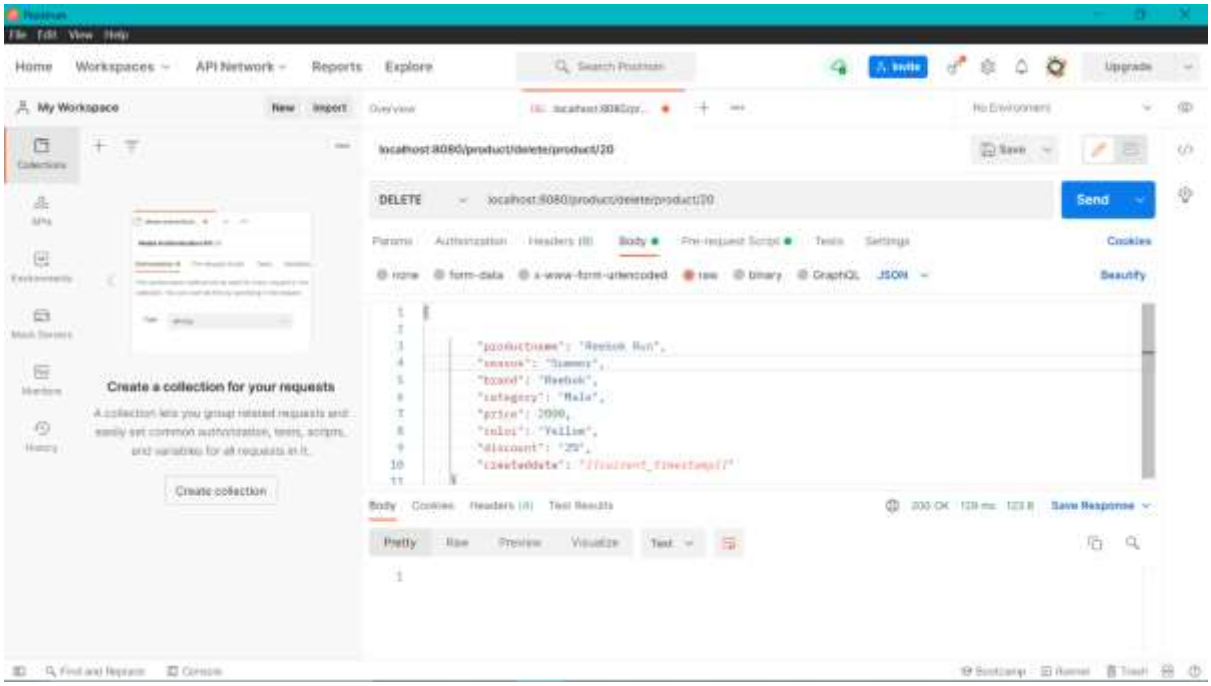


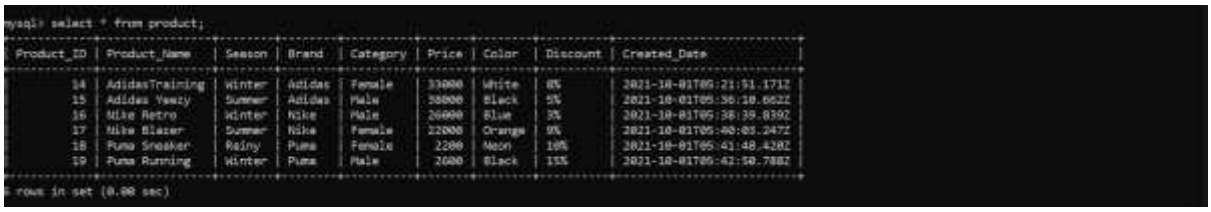

```
mysql> select * from product;
+-----------+-----------------+---------+---------+-----------+-------+-------+----------+-------------------------+
| Product_ID | Product_Name   | Season | Brand  | Category | Price | Color | Discount | Created_Date            |
+-----------+-----------------+---------+---------+-----------+-------+-------+----------+-------------------------+
|         14 | AdidasTraining | Winter | Adidas | Female   | 33000 | White | 85       | 2021-10-01T05:21:51.1712 |
+-----------+-----------------+---------+---------+-----------+-------+-------+----------+-------------------------+
1 row in set (0.00 sec)

mysql>
```

JAVA_FSD3_SPORTYSHOES_KAPILCHAUDHARY

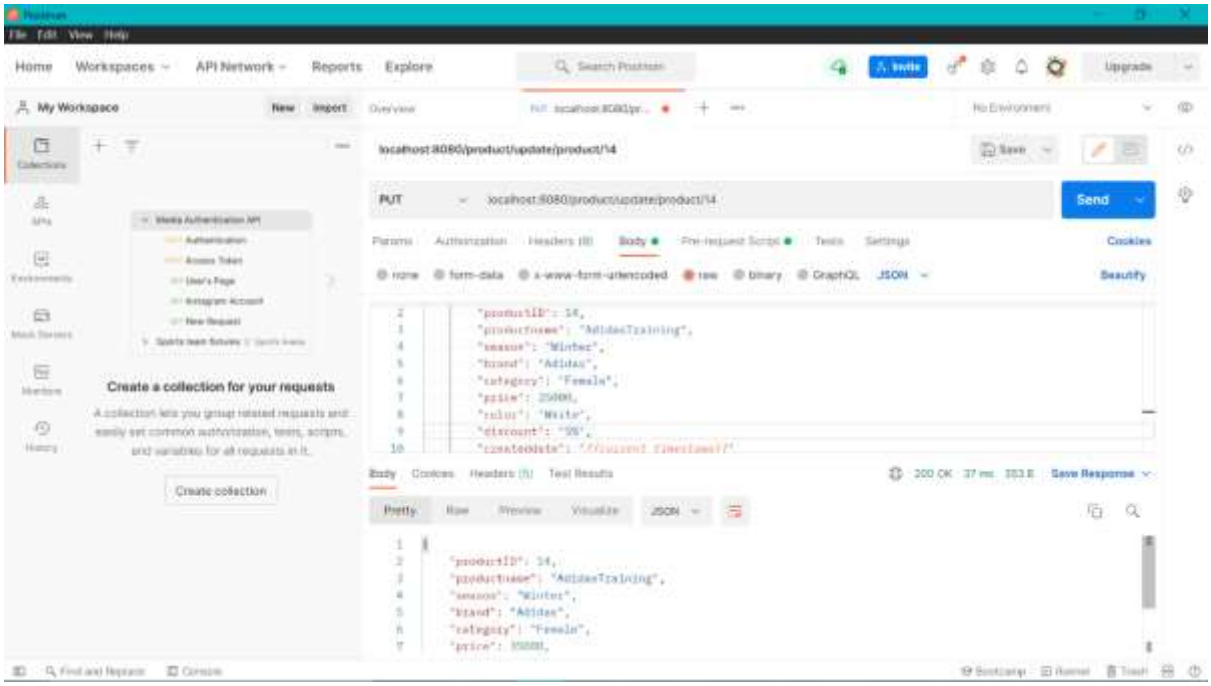


```
mysql> select * from product;
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
| Product_ID | Product_Name   | Season | Brand | Category | Price | Color | Discount | Created_Date          |
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
         14 | AdidasTraining | Winter | Adidas | Female   | 33000 | White | 8%       | 2021-10-01T05:21:51.171Z |
         15 | Adidas Yeezy   | Summer | Adidas | Male     | 38000 | Black | 5%       | 2021-10-01T05:36:10.662Z |
         16 | Nike Retro     | Winter | Nike   | Male     | 26000 | Blue  | 3%       | 2021-10-01T05:38:39.839Z |
         17 | Nike Blazer    | Summer | Nike   | Female   | 22000 | Orange | 9%       | 2021-10-01T05:40:03.247Z |
         18 | Puma Sneaker   | Rainy  | Puma   | Female   |  2200 | Neon  | 10%      | 2021-10-01T05:41:48.428Z |
         19 | Puma Running   | Winter | Puma   | Male     |  2600 | Black | 15%      | 2021-10-01T05:42:50.788Z |
         20 | Reebok Run     | Summer | Reebok | Male     |  2800 | Yellow | 2%       | 2021-10-01T05:43:57.808Z |
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
7 rows in set (0.00 sec)
```

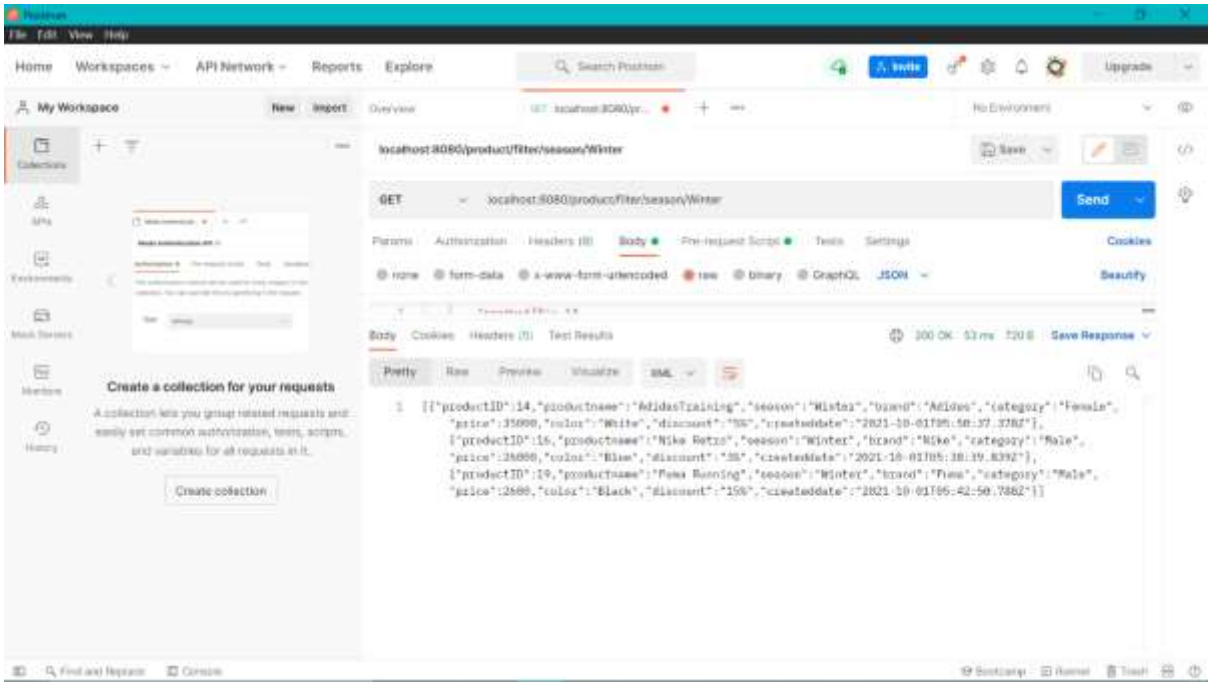


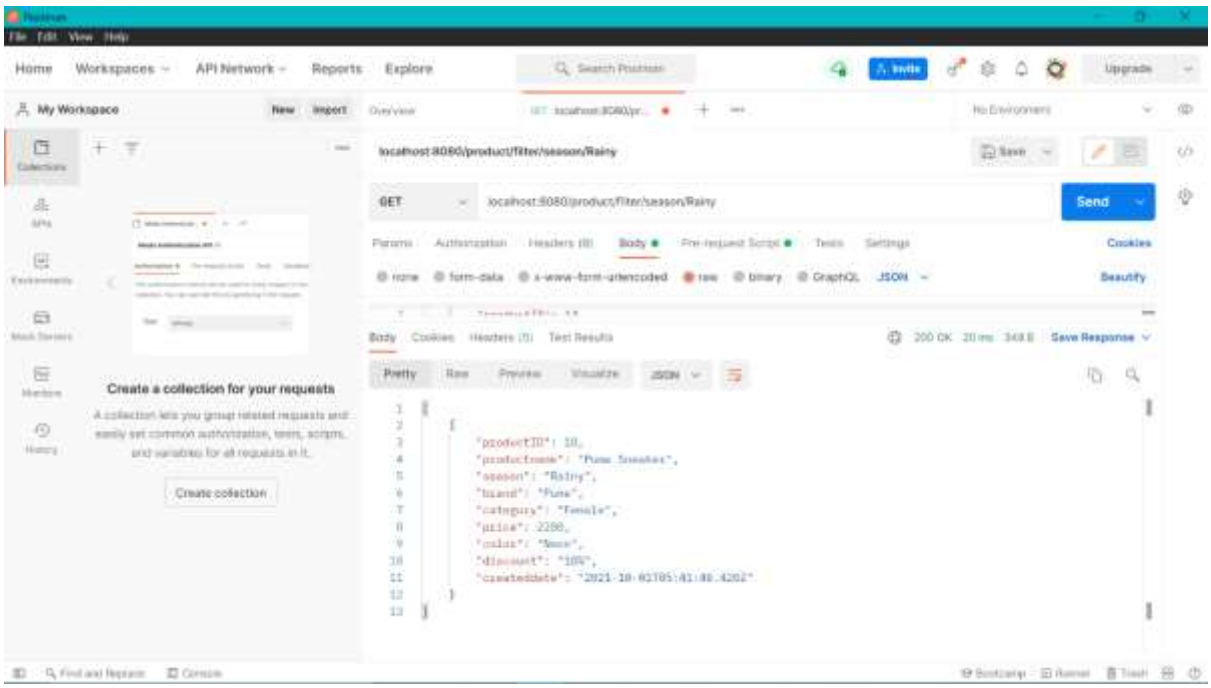


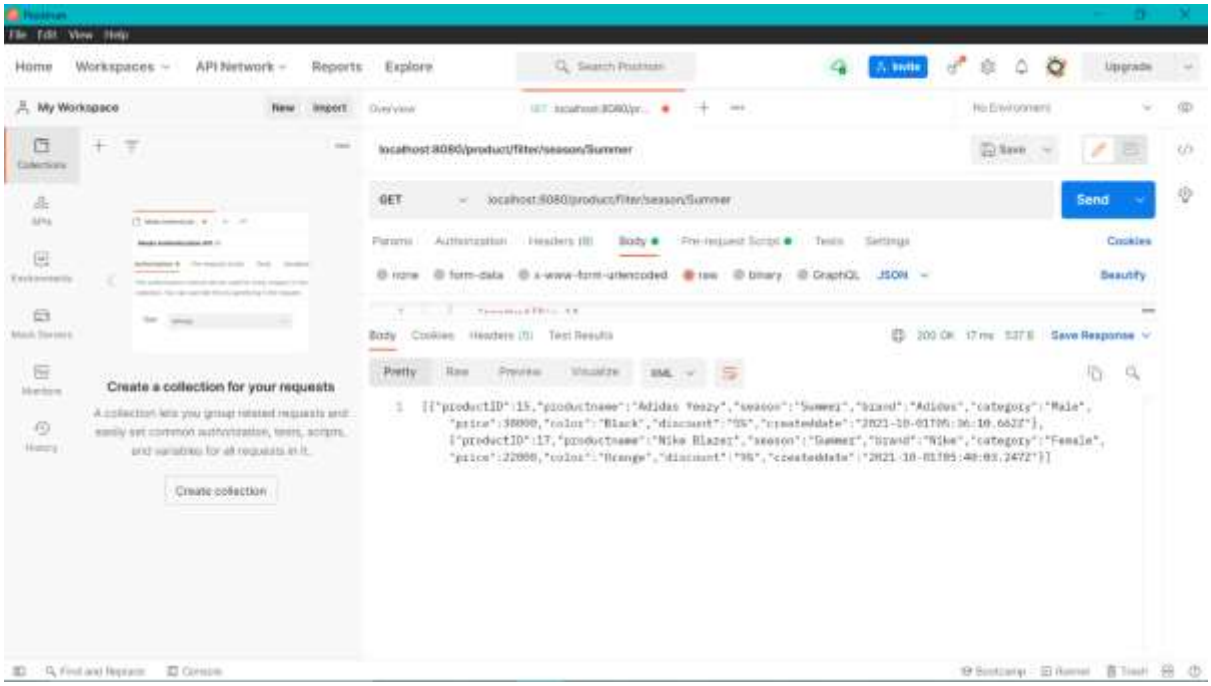
```
mysql> select * from product;
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
| Product_ID | Product_Name   | Season | Brand | Category | Price | Color | Discount | Created_Date          |
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
         14 | AdidasTraining | Winter | Adidas | Female   | 33000 | White | 8%       | 2021-10-01T05:21:51.171Z |
         15 | Adidas Yeezy   | Summer | Adidas | Male     | 38000 | Black | 5%       | 2021-10-01T05:36:10.662Z |
         16 | Nike Retro     | Winter | Nike   | Male     | 26000 | Blue  | 3%       | 2021-10-01T05:38:39.839Z |
         17 | Nike Blazer    | Summer | Nike   | Female   | 22000 | Orange | 9%       | 2021-10-01T05:40:03.247Z |
         18 | Puma Sneaker   | Rainy  | Puma   | Female   |  2200 | Neon  | 10%      | 2021-10-01T05:41:48.428Z |
         19 | Puma Running   | Winter | Puma   | Male     |  2600 | Black | 15%      | 2021-10-01T05:42:50.788Z |
+-----------+-----------------+-------+-------+-----------+-------+-------+-----------+-----------------------+
6 rows in set (0.00 sec)
```

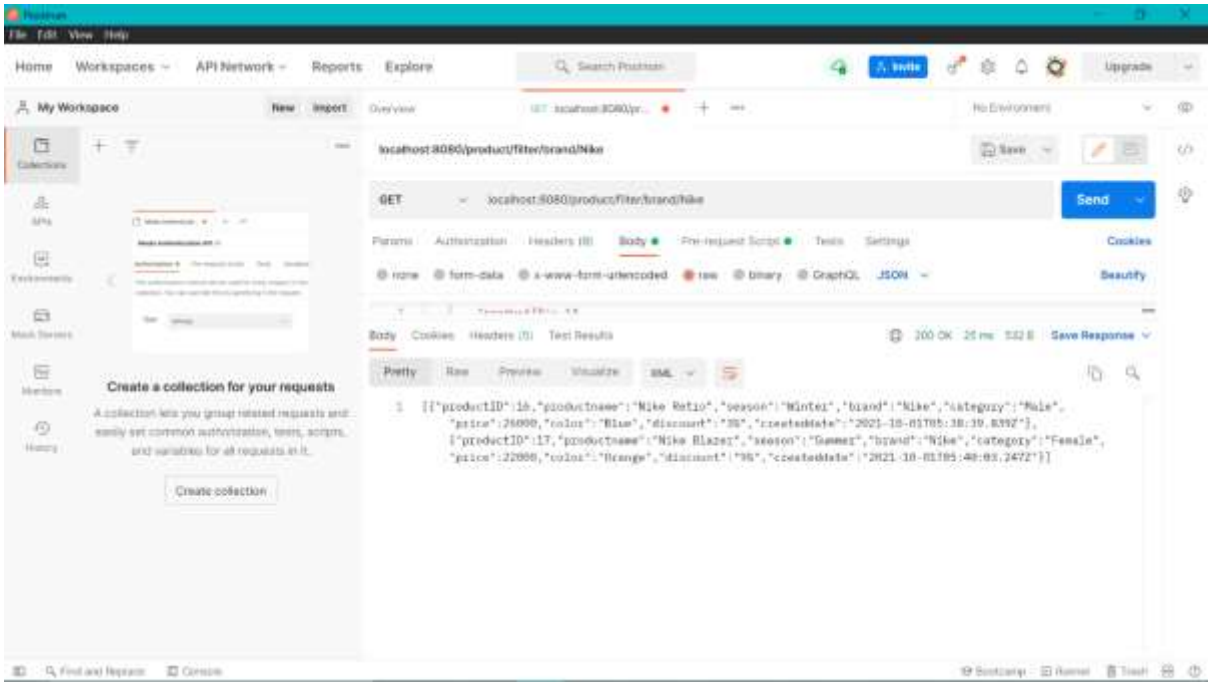


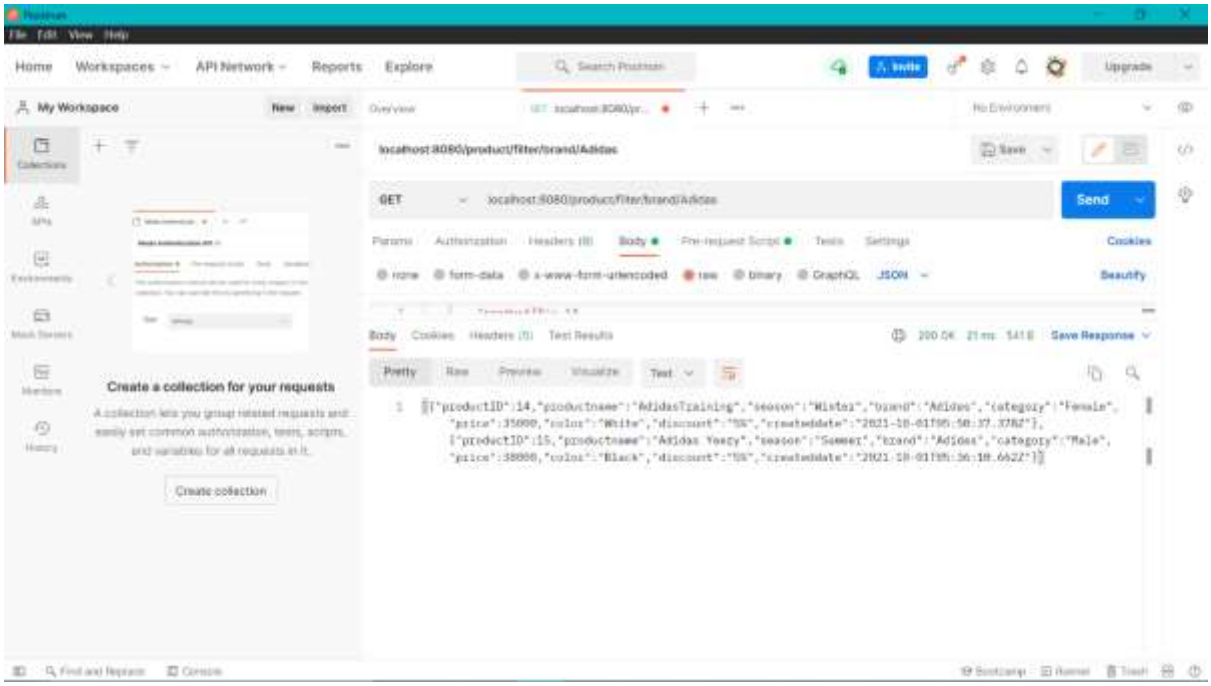

```
mysql> select * from product;
+------------+--------------+--------+--------+----------+-------+--------+----------+---------------------+
| Product_ID | Product_Name | Season | Brand  | Category | Price | Color  | Discount | Created_Date        |
+------------+--------------+--------+--------+----------+-------+--------+----------+---------------------+
|         14 | AdidasTraining | Winter | Adidas | Female   | 35000 | White  | 5%       | 2021-10-01T05:50:37.378Z |
|         15 | Adidas Yeezy | Summer | Adidas | Male     | 38000 | Black  | 5%       | 2021-10-01T05:36:10.602Z |
|         16 | Nike Retro   | Winter | Nike   | Male     | 26000 | Blue   | 3%       | 2021-10-01T05:38:39.839Z |
|         17 | Nike Blazer  | Summer | Nike   | Female   | 22000 | Orange | 9%       | 2021-10-01T05:40:03.247Z |
|         18 | Puma Sneaker | Rainy  | Puma   | Female   |  2200 | Neon   | 10%      | 2021-10-01T05:41:48.420Z |
|         19 | Puma Running | Winter | Puma   | Male     |  2600 | Black  | 15%      | 2021-10-01T05:42:50.788Z |
+------------+--------------+--------+--------+----------+-------+--------+----------+---------------------+
6 rows in set (0.00 sec)
```

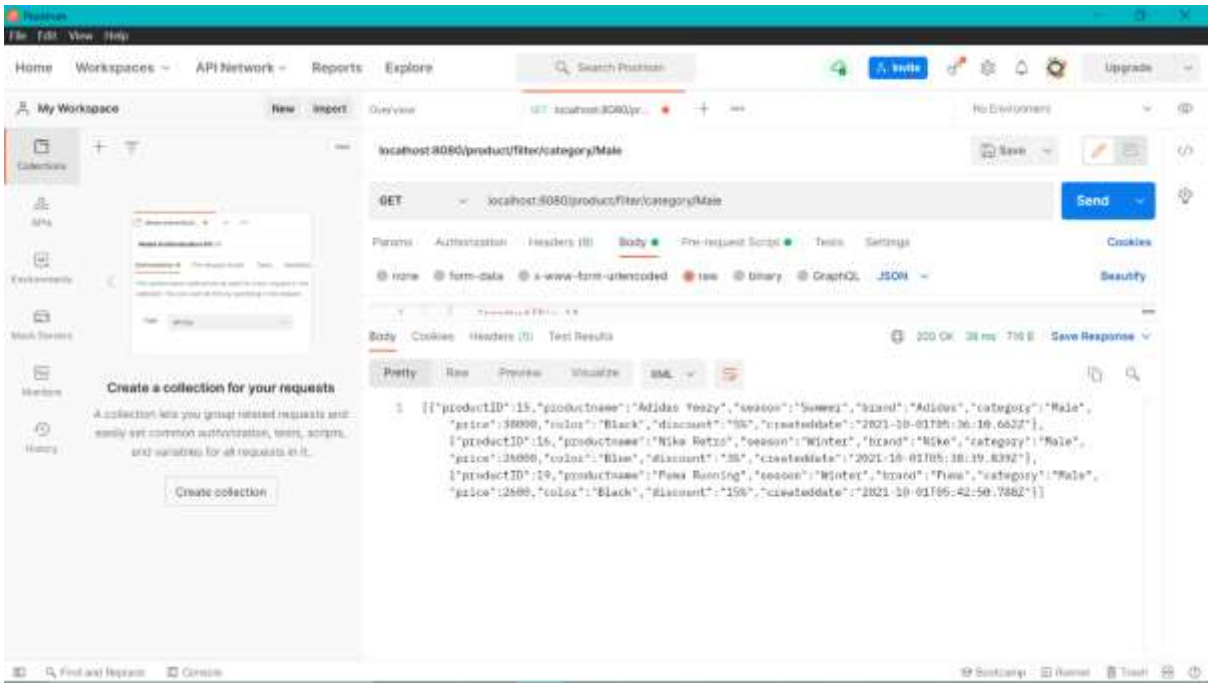

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
Create a collection for your requests
Create collection
localhost:8080/product/filter/season/Winter
GET
localhost:8080/product/filter/season/Winter
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Beautify
Body
Cookies
Headers (5)
Test Results
Save Response
Pretty
Raw
Preview
Visualize
[{"productID":14,"productname":"AdidasTraining","season":"Winter","brand":"Adidas","category":"Female",
"price":35000,"color":"White","discount":"5%","createddate":"2021-10-01T05:50:37.3782"},
{"productID":16,"productname":"Nike Retro","season":"Winter","brand":"Nike","category":"Male",
"price":26000,"color":"Blue","discount":"5%","createddate":"2021-10-01T05:38:39.8392"},
{"productID":19,"productname":"Puma Running","season":"Winter","brand":"Puma","category":"Male",
"price":2600,"color":"Black","discount":"15%","createddate":"2021-10-01T06:42:50.7882"}]

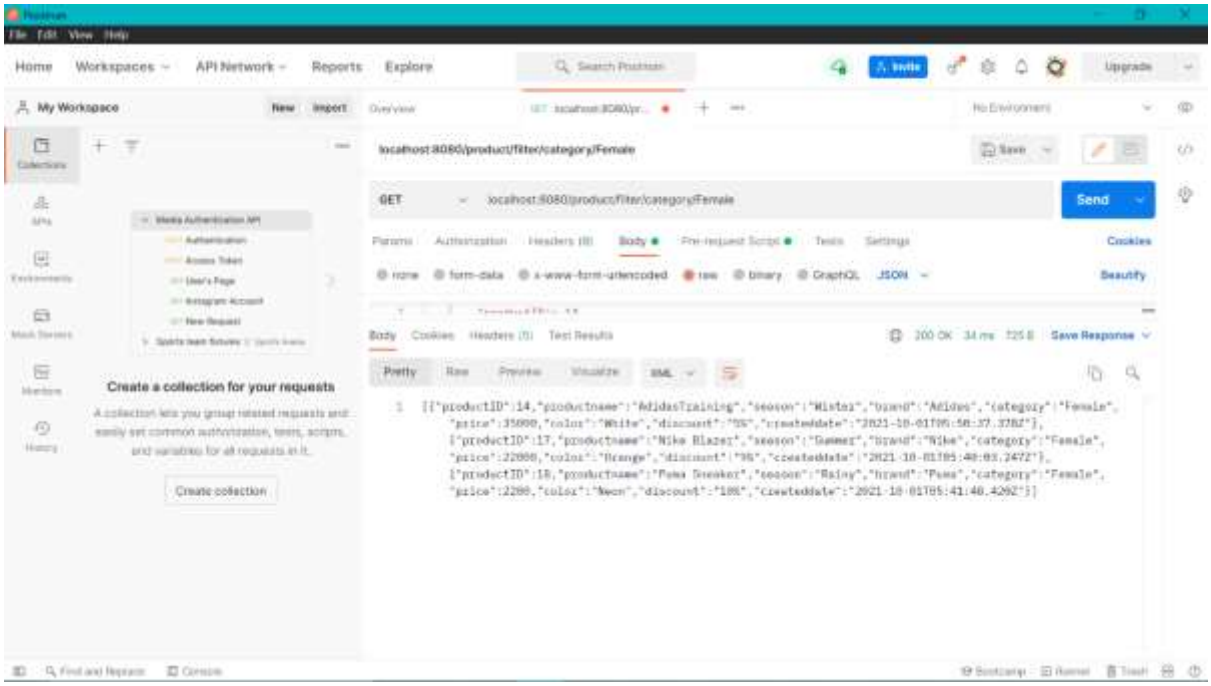

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
Create a collection for your requests
Create collection
localhost:8080/product/filter/season/Rainy
GET
localhost:8080/product/filter/season/Rainy
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Beautify
Body
Cookies
Headers (5)
Test Results
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"productID": 10,
"productname": "Puma Sneakers",
"season": "Rainy",
"brand": "Puma",
"category": "Female",
"price": 2200,
"color": "Neon",
"discount": "10%",
"createddate": "2021-10-01T05:41:40.4202"
}

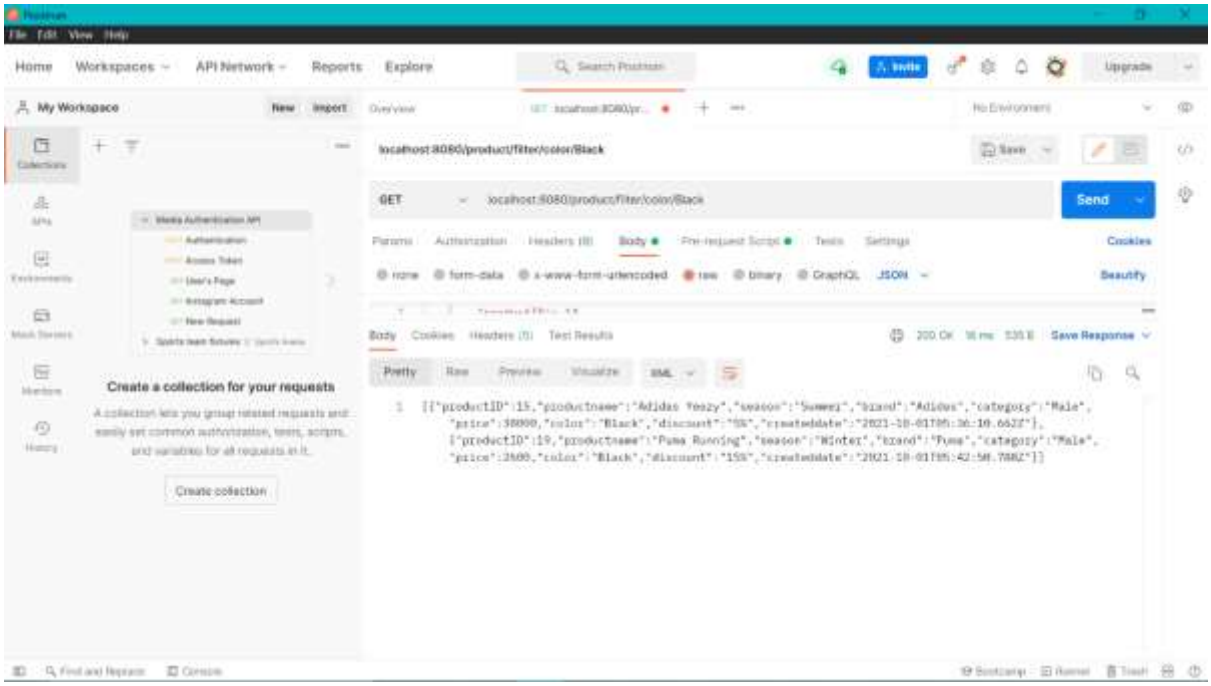

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
Create a collection for your requests
Create collection
localhost:8080/product/filter/season/Summer
GET
localhost:8080/product/filter/season/Summer
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies
Headers (5)
Test Results
200 OK
17 ms
537 B
Save Response
Pretty
Raw
Preview
Visualize
HTML
1 [{"productID":15,"productname":"Adidas Yeezy","season":"Summer","brand":"Adidas","category":"Male",
"price":30000,"color":"Black","discount":"5%","createddate":"2021-10-01T05:36:10.662Z"},
{"productID":17,"productname":"Nike Blazer","season":"Summer","brand":"Nike","category":"Female",
"price":22000,"color":"Orange","discount":"9%","createddate":"2021-10-01T05:40:03.247Z"}]

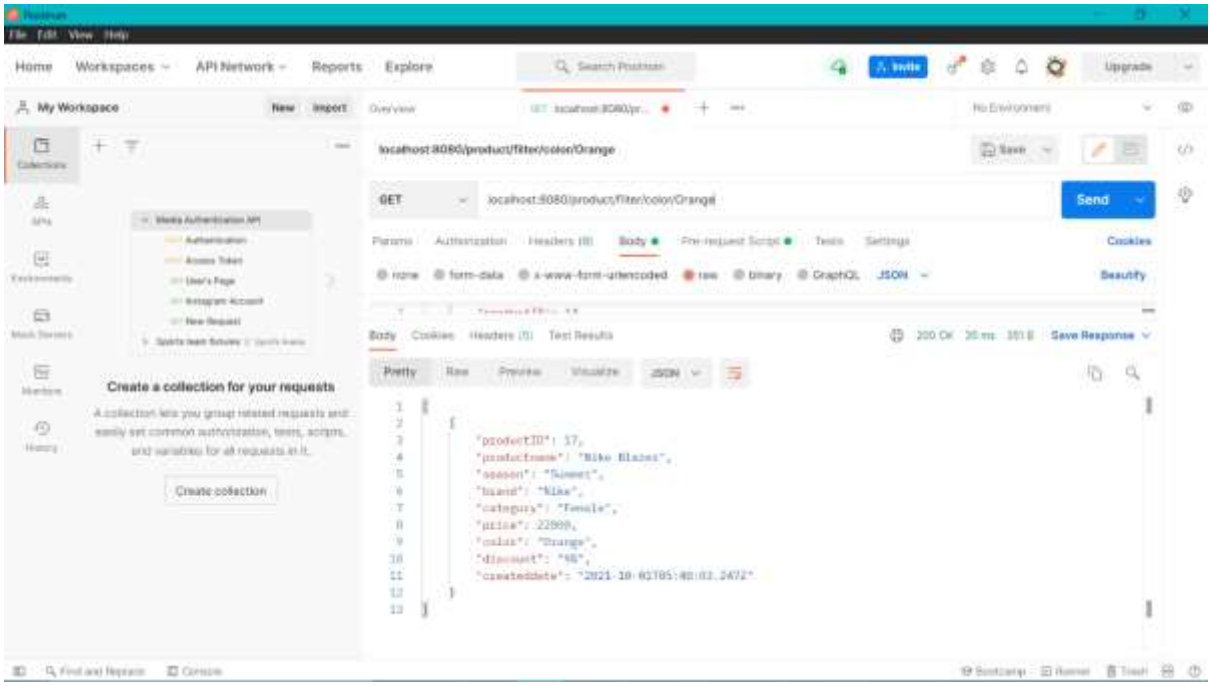

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
Create a collection for your requests
Create collection
localhost:8080/product/filter/brand/Nike
GET
localhost:8080/product/filter/brand/Nike
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies
Headers (5)
Test Results
200 OK
25 ms
532 B
Save Response
Pretty
Raw
Preview
Visualize
HTML
1 [{"productID":16,"productname":"Nike Retio","season":"Winter","brand":"Nike","category":"Male",
"price":26000,"color":"Blue","discount":"3%","createddate":"2021-10-01T05:38:39.839Z"},
{"productID":17,"productname":"Nike Blazer","season":"Summer","brand":"Nike","category":"Female",
"price":22000,"color":"Orange","discount":"9%","createddate":"2021-10-01T05:40:03.247Z"}]

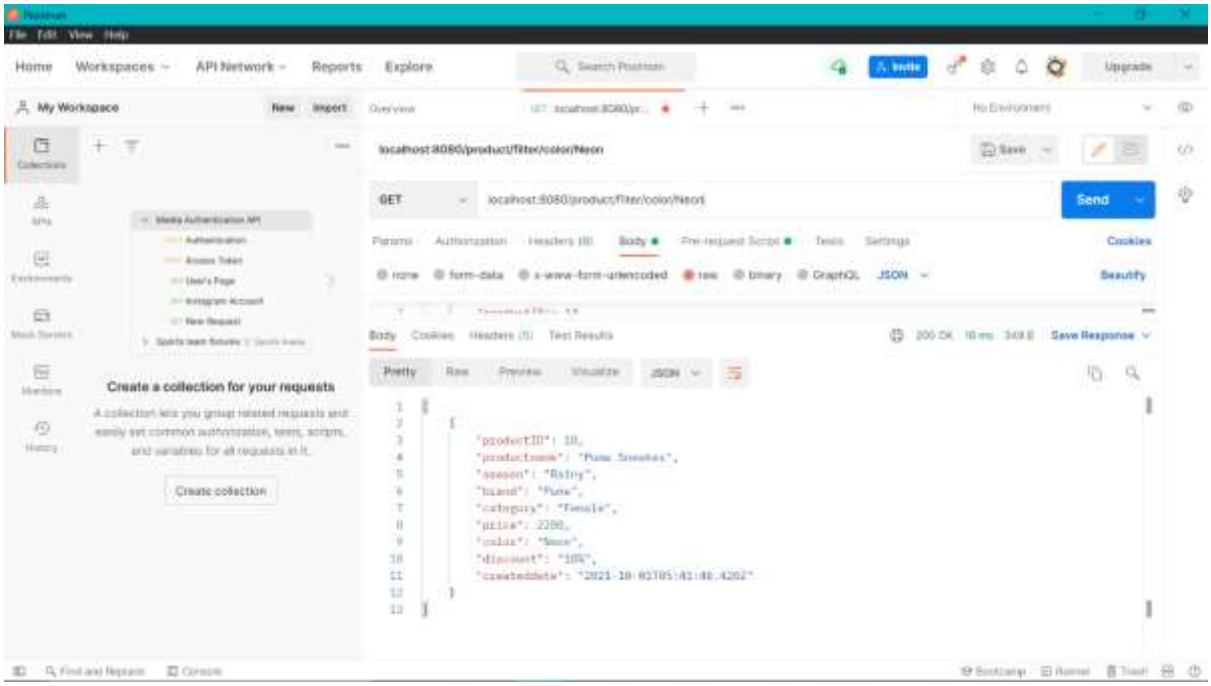

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/filter/brand/Adidas
GET
Send
Create a collection for your requests
Create collection

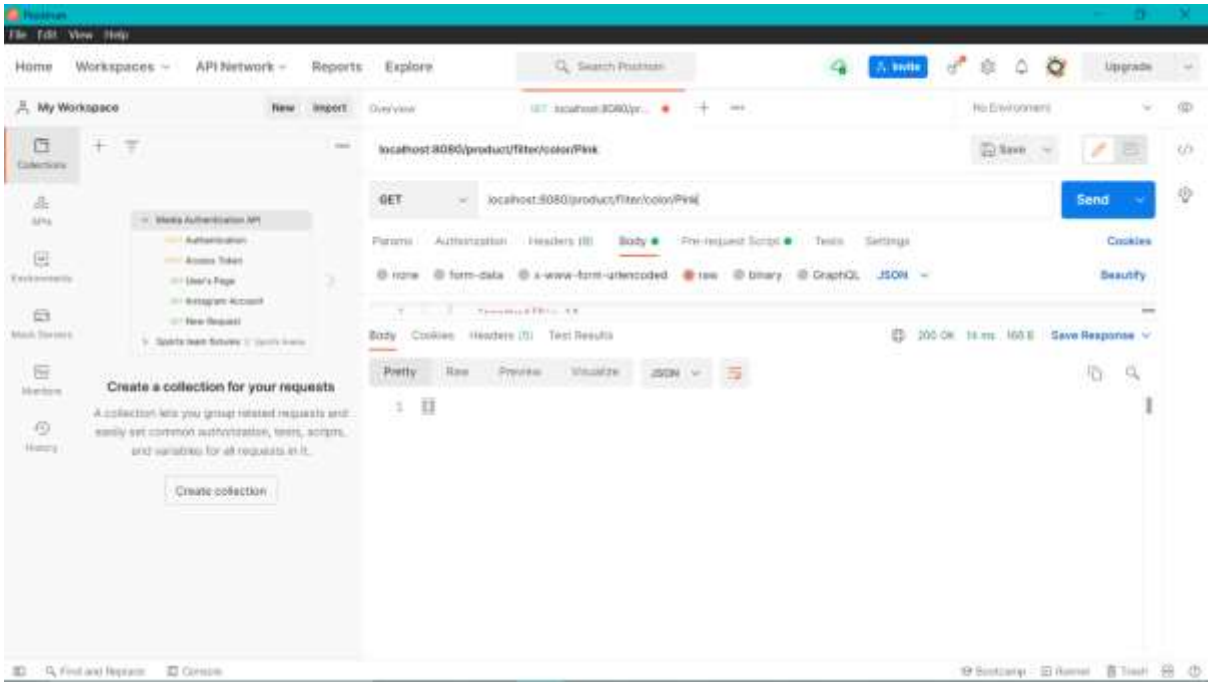

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/filter/category/Male
GET
Send
Create a collection for your requests
Create collection


Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/filter/category/Female
GET
localhost:8080/product/filter/category/Female
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies
Headers (5)
Test Results
200 OK
34 ms
725 B
Save Response
Pretty
Raw
Preview
Visualize
Create a collection for your requests
A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.
Create collection
[{"productID":14,"productname":"AdidasTraining","season":"Winter","brand":"Adidas","category":"Female",
"price":35000,"color":"White","discount":"5%","createddate":"2021-10-01T05:50:37.378Z"},
{"productID":17,"productname":"Nike Blazer","season":"Summer","brand":"Nike","category":"Female",
"price":22000,"color":"Orange","discount":"9%","createddate":"2021-10-01T05:40:03.247Z"},
{"productID":18,"productname":"Puma Sneaker","season":"Rainy","brand":"Puma","category":"Female",
"price":2200,"color":"Neon","discount":"10%","createddate":"2021-10-01T05:41:40.426Z"}]

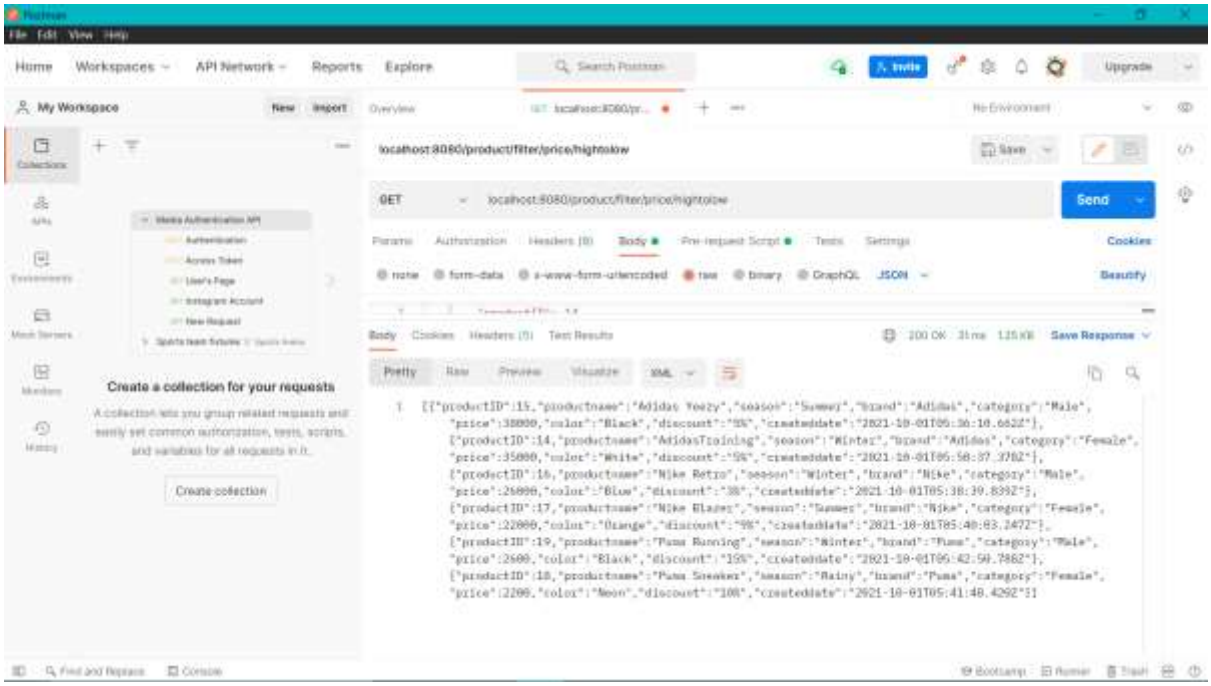

Home
Workspaces
API Network
Reports
Explore
My Workspace
New
Import
localhost:8080/product/filter/color/Black
GET
localhost:8080/product/filter/color/Black
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
Body
Cookies
Headers (5)
Test Results
200 OK
16 ms
535 B
Save Response
Pretty
Raw
Preview
Visualize
Create a collection for your requests
A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.
Create collection
[{"productID":15,"productname":"Adidas Yeezy","season":"Summer","brand":"Adidas","category":"Male",
"price":38000,"color":"Black","discount":"5%","createddate":"2021-10-01T05:36:10.662Z"},
{"productID":19,"productname":"Puma Running","season":"Winter","brand":"Puma","category":"Male",
"price":3600,"color":"Black","discount":"15%","createddate":"2021-10-01T05:42:50.788Z"}]


Home
Workspaces
API Network
Reports
Explore
My Workspace
localhost:8080/product/filter/color/Orange
GET
Send
Create a collection for your requests
Create collection
Pretty
Raw
Preview
JSON
"productID": 17,
"productname": "Nike Blazer",
"season": "Summer",
"brand": "Nike",
"category": "Female",
"price": 2200,
"color": "Orange",
"discount": "5%",
"createddate": "2021-10-01T05:40:01.247Z"

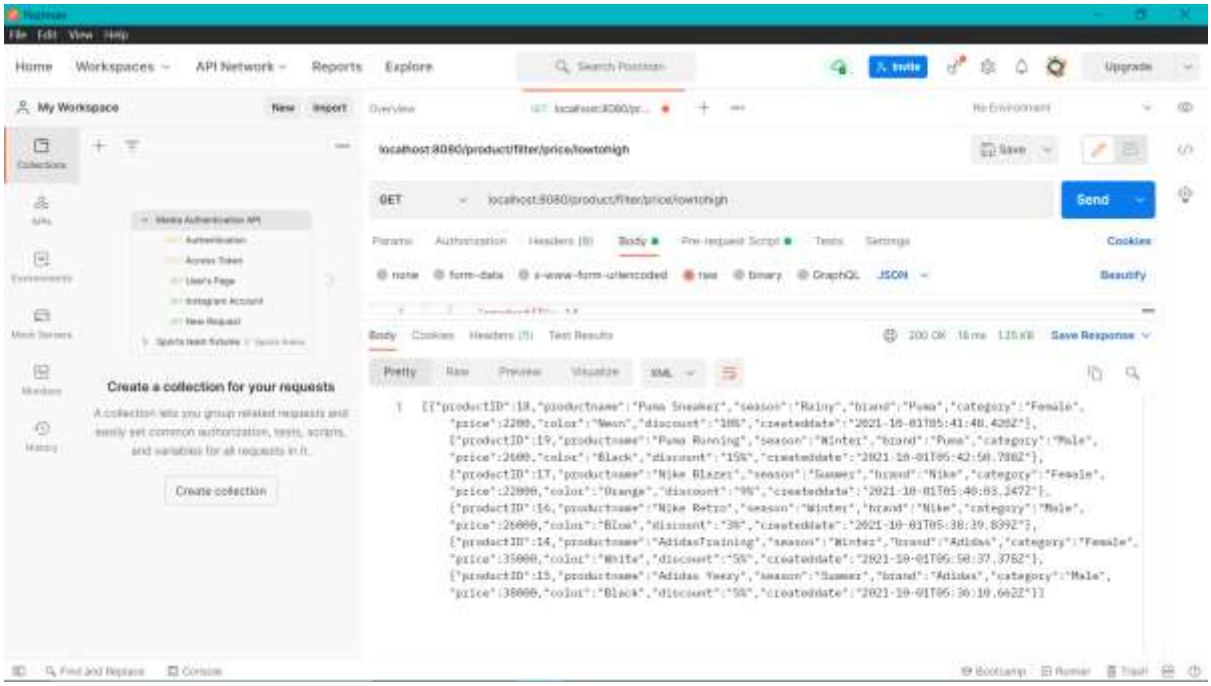

Home
Workspaces
API Network
Reports
Explore
My Workspace
localhost:8080/product/filter/color/Neon
GET
Send
Create a collection for your requests
Create collection
Pretty
Raw
Preview
JSON
"productID": 10,
"productname": "Puma Sneaker",
"season": "Rainy",
"brand": "Puma",
"category": "Female",
"price": 2200,
"color": "Neon",
"discount": "10%",
"createddate": "2021-10-01T05:41:40.420Z"



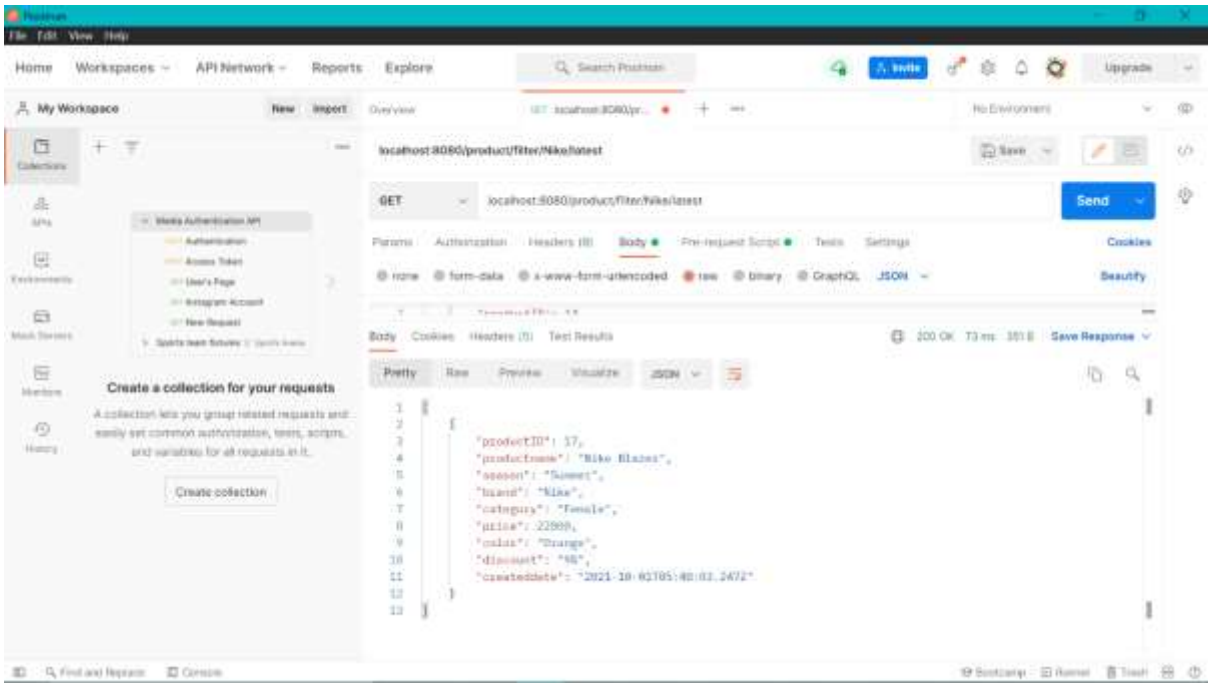
5. Price Filter (High To Low)



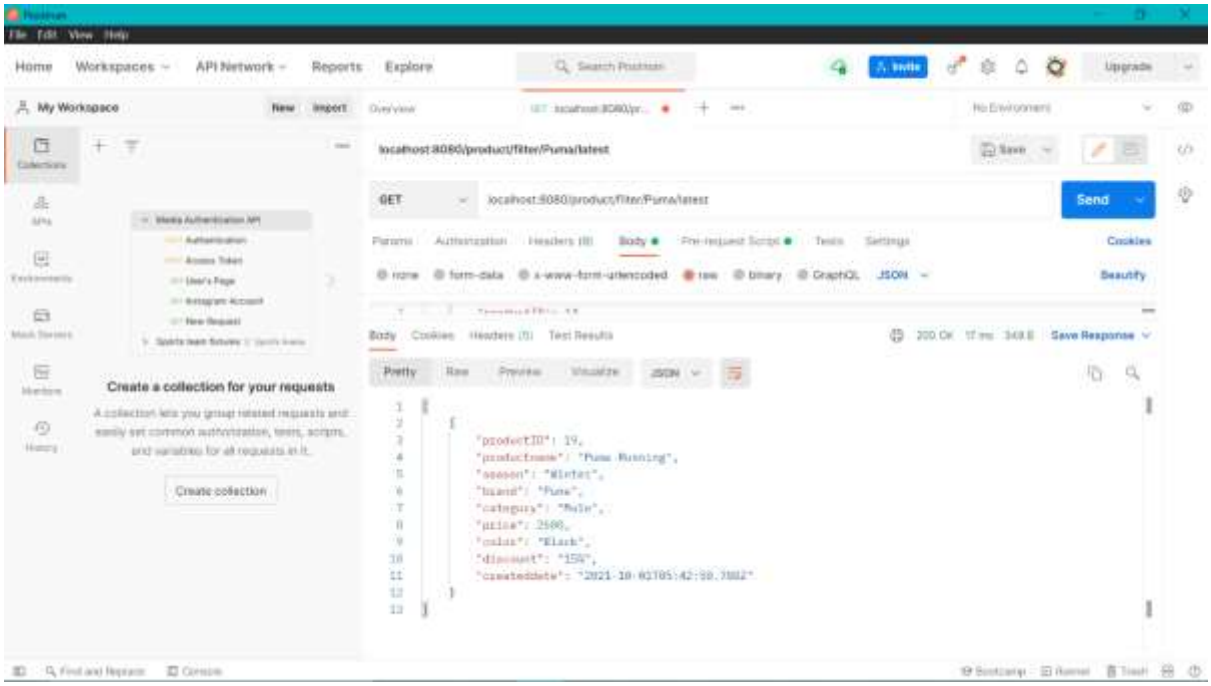
Price Filter (Low To High)



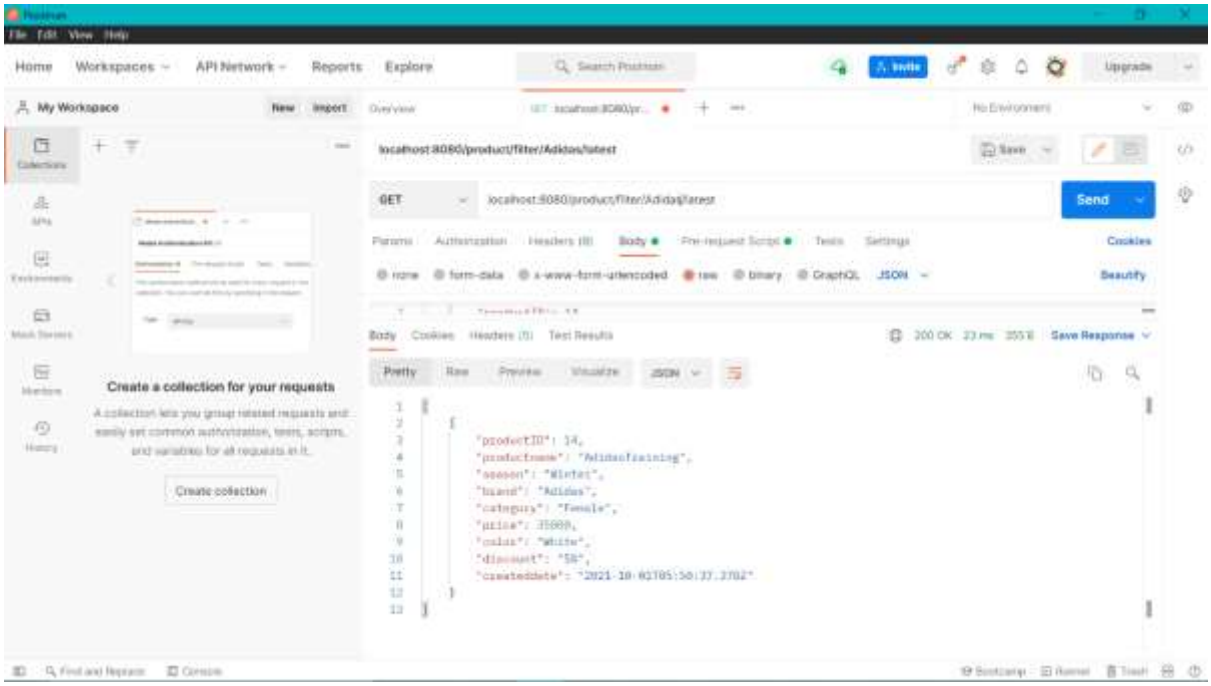
6. Latest Product by brand
   a. Latest shoe of brand Nike



b. Latest shoe of brand Puma

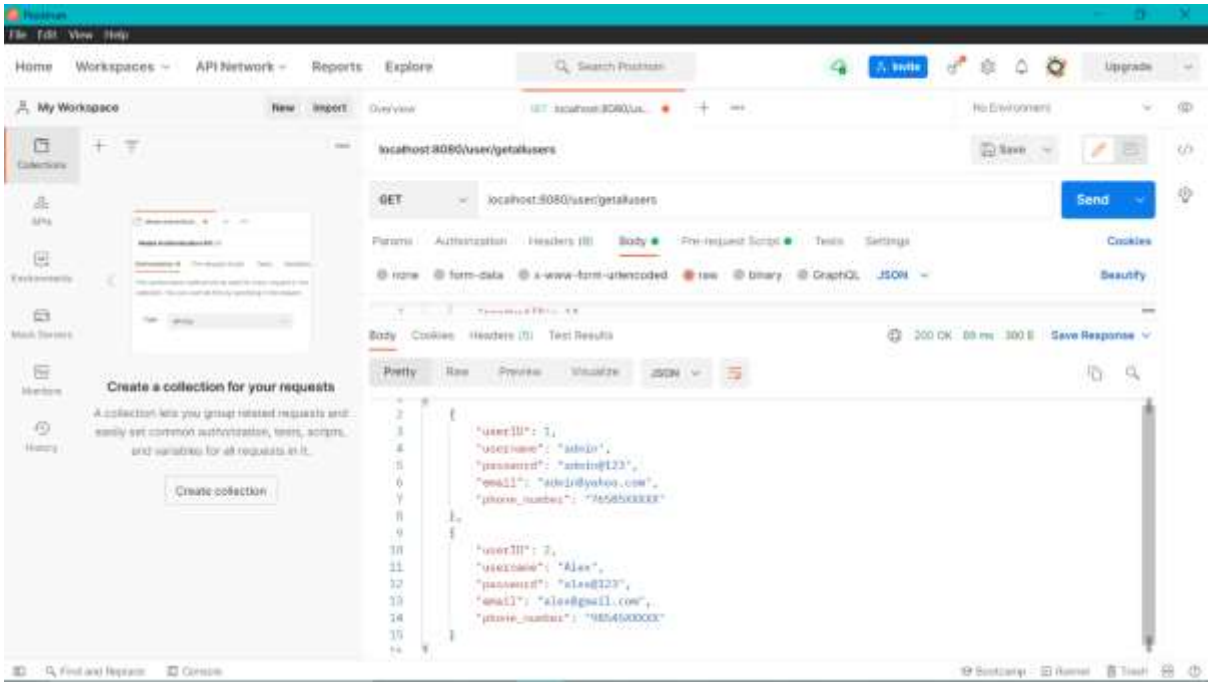


c. Latest shoe of brand Adidas

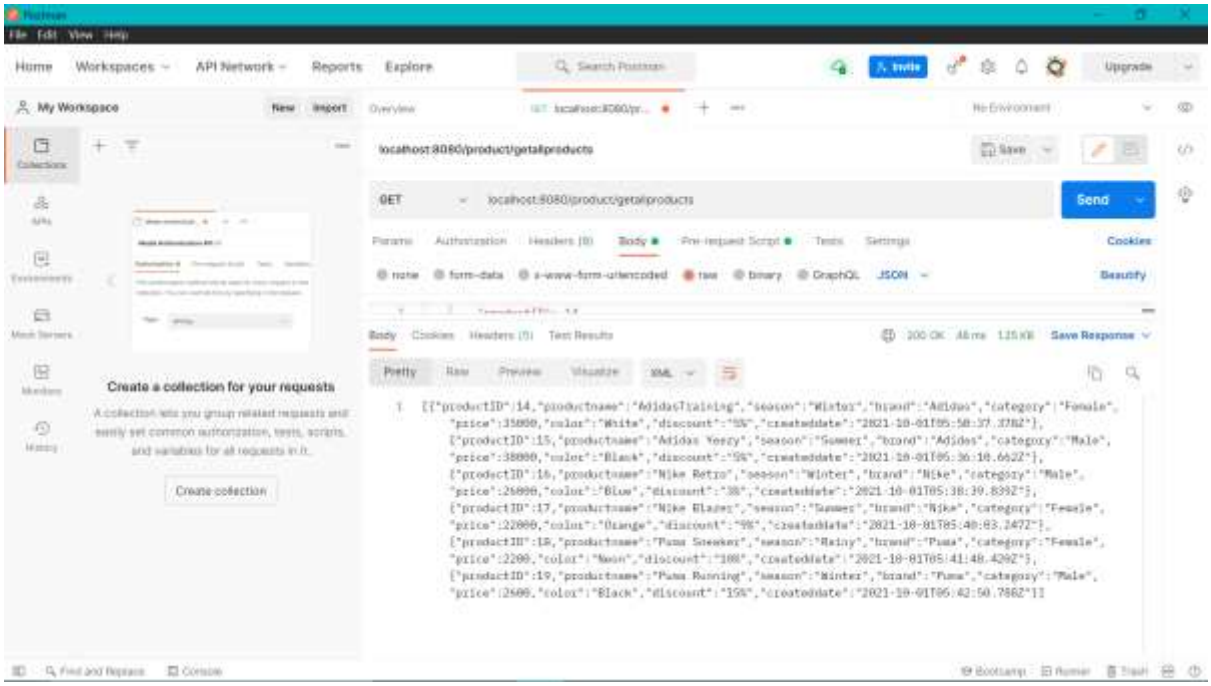


JAVA_FSD3_SPORTYSHOES_KAPILCHAUDHARY

Get All registered Users



Getting all product details

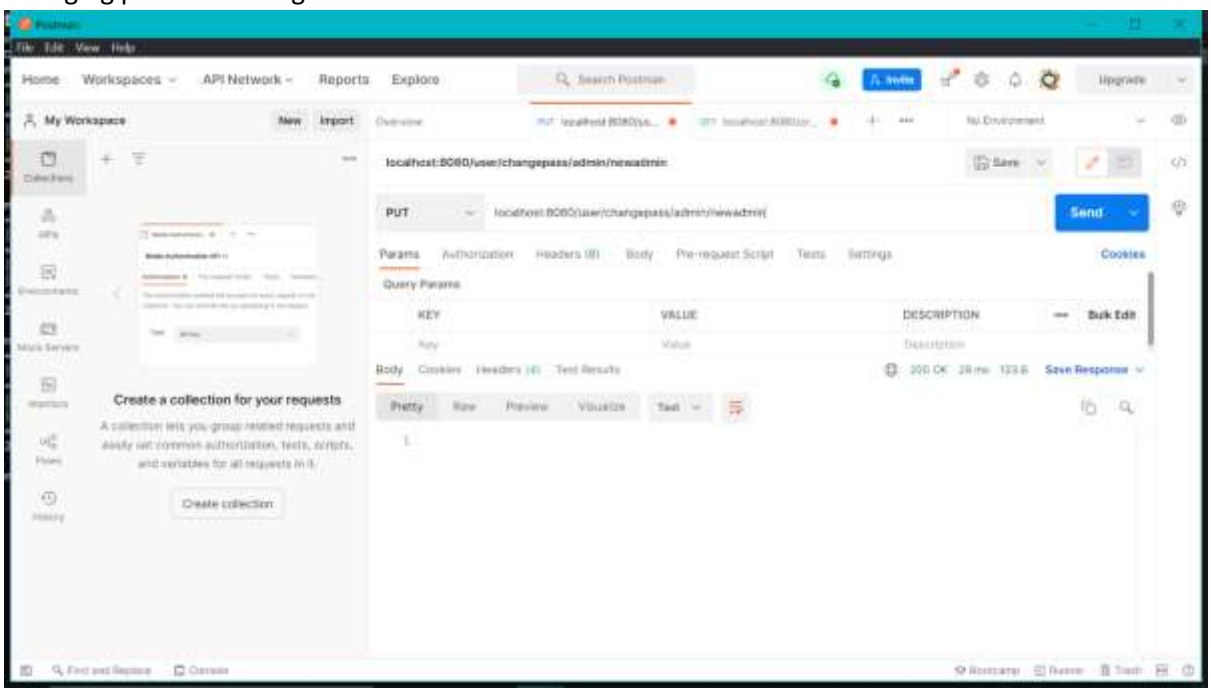


Admin can change the password through API by only providing the new password.

Before Changing the password

```
mysql> select * from user;
+---------+-----------+---------------+---------------+-------------------+
| user_ID | user_name | user_password | user_email    | user_phone_number |
+---------+-----------+---------------+---------------+-------------------+
|       1 | admin     | admin@123     | admin@yahoo.com | 7658500000X     |
|       2 | Alex      | alex@123      | alex@gmail.com  | 9854500000X     |
+---------+-----------+---------------+---------------+-------------------+
2 rows in set (0.00 sec)

mysql>
```

Changing password using API



After changing the password

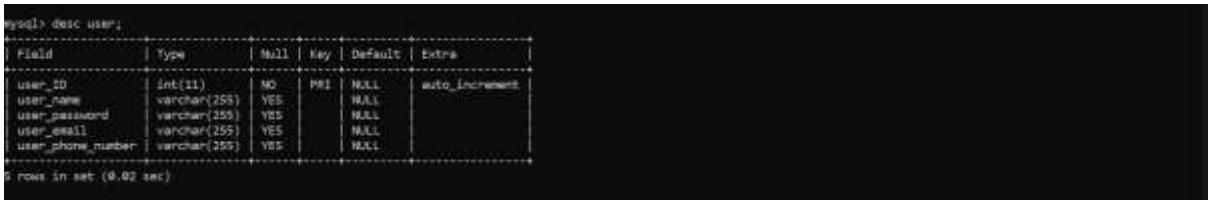
```
mysql> select * from user;
+---------+-----------+---------------+---------------+-------------------+
| user_ID | user_name | user_password | user_email    | user_phone_number |
+---------+-----------+---------------+---------------+-------------------+
|       1 | admin     | newadmin      | admin@yahoo.com | 7658500000X     |
|       2 | Alex      | alex@123      | alex@gmail.com  | 9854500000X     |
+---------+-----------+---------------+---------------+-------------------+
2 rows in set (0.00 sec)
```

Database Tables

- Product Table

```
mysql> desc product;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| Product_ID   | int(11)      | NO   | PRI | NULL    | auto_increment |
| Product_Name | varchar(255) | YES  |     | NULL    |                |
| Season       | varchar(255) | YES  |     | NULL    |                |
| Brand        | varchar(255) | YES  |     | NULL    |                |
| Category     | varchar(255) | YES  |     | NULL    |                |
| Price        | int(11)      | YES  |     | NULL    |                |
| Color        | varchar(255) | YES  |     | NULL    |                |
| Discount     | varchar(255) | YES  |     | NULL    |                |
| Created_Date | varchar(255) | YES  |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
9 rows in set (0.02 sec)
```

- User Table



```
mysql> desc user;
+-------------------+--------------+------+-----+---------+----------------+
| Field             | Type         | Null | Key | Default | Extra          |
+-------------------+--------------+------+-----+---------+----------------+
| user_ID           | int(11)      | NO   | PRI | NULL    | auto_increment |
| user_name         | varchar(255) | YES  |     | NULL    |                |
| user_password     | varchar(255) | YES  |     | NULL    |                |
| user_email        | varchar(255) | YES  |     | NULL    |                |
| user_phone_number | varchar(255) | YES  |     | NULL    |                |
+-------------------+--------------+------+-----+---------+----------------+
5 rows in set (0.02 sec)
```

Initially User table has two entries admin and a normal user.

```
mysql> select * from user;
+---------+-----------+---------------+-----------------+-------------------+
| user_ID | user_name | user_password | user_email      | user_phone_number |
+---------+-----------+---------------+-----------------+-------------------+
|       1 | admin     | admin@123     | admin@yahoo.com | 7658XXXXXX        |
|       2 | Alex      | alex@123      | alex@gmail.com  | 9854XXXXXX        |
+---------+-----------+---------------+-----------------+-------------------+
```

Product Table is empty.

```
mysql> select * from product;
Empty set (0.00 sec)
```