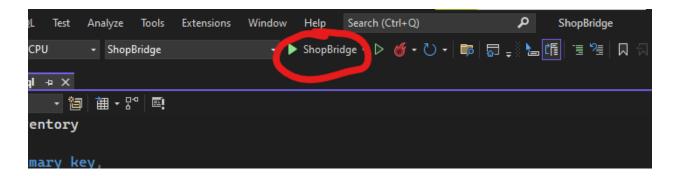# Follow these steps to run this application
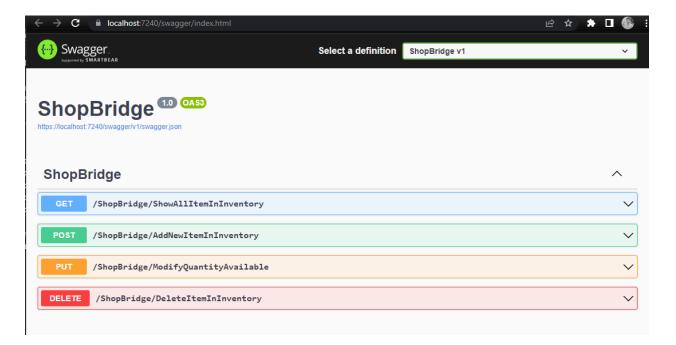
Github link to download code: https://github.com/jitendra930/ShopBridge.git

How to run:

I used Visual Studio 2022 to write code.
After opening of a project just click on ShopBridge.

It will Open swagger like this

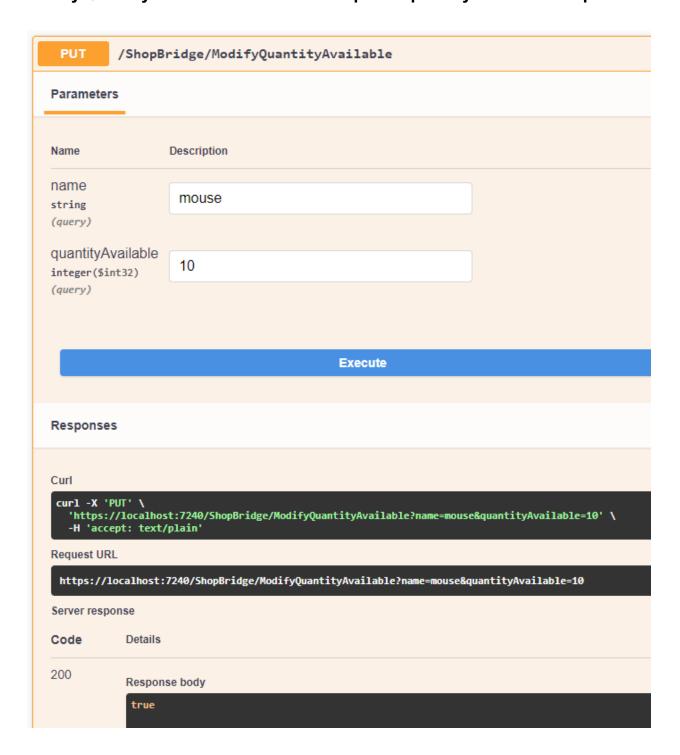In swagger we have 4 methods that is self explanatory by name

ShowAllItemInInventory : It will show all data from database.

Curl

```
curl -X 'GET' \
  'https://localhost:7240/ShopBridge/ShowAllItemInInventory' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7240/ShopBridge/ShowAllItemInInventory
```

Server response

Code	Details
200	Response body

```
[
  {
    "name": "Keyboard",
    "description": "Logitek keyboard",
    "price": 1000,
    "quantityAvailable": 40
  },
  {
    "name": "Mobile",
    "description": "Nokia 1100",
    "price": 1000,
    "quantityAvailable": 50
  },
  {
    "name": "Monitor",
    "description": "Lenevo monitor 24 inch",
    "price": 15000,
    "quantityAvailable": 20
  },
  {
    "name": "Mouse",
    "description": "Hp Mouse",
    "price": 500,
    "quantityAvailable": 5
  },
  {
    "name": "Printer",
    "description": "HP laser printer",
```

Response headers

AddNewItemInInventory : To add new item to database
Name is primary key in table, so be careful to give unique value in name

Input:
```
{
  "name": "Charger",
  "description": "Laptop charger ",
  "price": 1800,
  "quantityAvailable": 40
}
```

```
{
    "name": "Charger",
    "description": "Laptop charger ",
    "price": 1800,
    "quantityAvailable": 40
}
```

Execute

Responses

Curl
```
curl -X 'POST' \
  'https://localhost:7240/ShopBridge/AddNewItemInInventory' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
  "name": "Charger",
  "description": "Laptop charger ",
  "price": 1800,
  "quantityAvailable": 40
}'
```

Request URL
```
https://localhost:7240/ShopBridge/AddNewItemInInventory
```

Server response

Code	Details
200	Response body

```
true
```

ModifyQuantityAvailable : It is used to update quantity available for product

PUT	/ShopBridge/ModifyQuantityAvailable

Parameters

Name	Description
name string *(query)*	mouse
quantityAvailable integer($int32) *(query)*	10

Execute

Responses

Curl

```
curl -X 'PUT' \
  'https://localhost:7240/ShopBridge/ModifyQuantityAvailable?name=mouse&quantityAvailable=10' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7240/ShopBridge/ModifyQuantityAvailable?name=mouse&quantityAvailable=10
```

Server response

Code	Details
200	Response body ```true```

DeleteItemInInventory : To delete item from database

DELETE	/ShopBridge/DeleteItemInInventory

Parameters

Name	Description
name string *(query)*	mouse

Execute

Responses

Curl

```
curl -X 'DELETE' \
  'https://localhost:7240/ShopBridge/DeleteItemInInventory?name=mouse' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7240/ShopBridge/DeleteItemInInventory?name=mouse
```

Server response

Code	Details

200	Response body
	<pre>true</pre>
	Response headers
	<pre>content-type: application/json; charset=utf-8
	date: Sun,26 Jun 2022 13:54:20 GMT
	server: Kestrel</pre>

Responses

- Also have test project in **TestProject1** folder.

- **I publish my API to Azure cloud**

https://shopbridge.azurewebsites.net/ShopBridge/ShowAllItemInInventory

[{"name":"Charger","description":"Laptop charger ","price":1800,"quantityAvailable":40},{"name":"Keyboard","description":"Logitek keyboard","price":1000,"quantityAvailable":40},{"name":"Mobile","description":"Nokia 1100","price":1000,"quantityAvailable":50}, {"name":"Monitor","description":"Lenevo monitor 24 inch","price":15000,"quantityAvailable":20},{"name":"Mouse","description":"HP mouse ","price":800,"quantityAvailable":40},{"name":"Printer","description":"HP laser printer","price":5000,"quantityAvailable":30}, {"name":"Speaker","description":"Boat speaker","price":12000,"quantityAvailable":20}]