

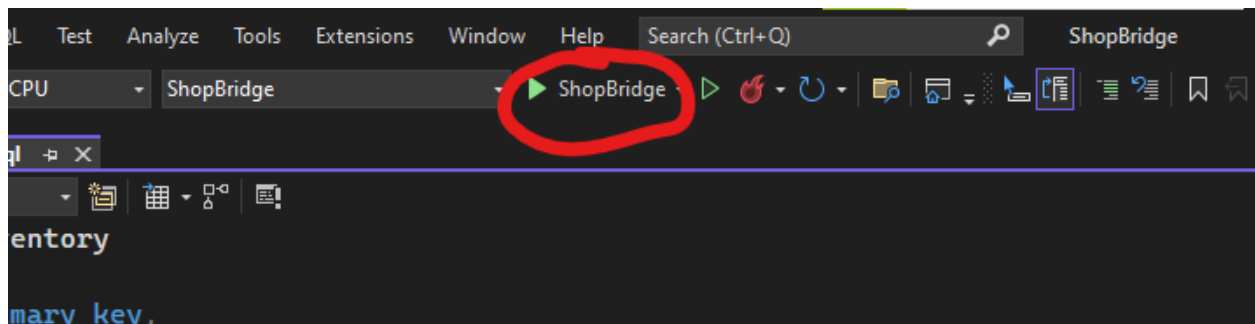
# Follow these steps to run this application

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  | <p>Response body</p> <pre>[   {     "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",</pre> <p>Response headers</p> |

**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
}
```

The screenshot displays a REST client interface with a light green header and a white body. At the top, a JSON body is entered into a text area: 

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

. Below the text area is a blue button labeled "Execute". Underneath the button is a section titled "Responses" in bold. Below "Responses" is a section titled "Curl" in bold, containing a terminal window with the following curl command: 

```
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
  }'
```

. Below the curl command is a section titled "Request URL" in bold, containing a text box with the URL: `https://localhost:7240/ShopBridge/AddNewItemInInventory`. Below the URL is a section titled "Server response" in bold. Under "Server response" is a table with two columns: "Code" and "Details". The table has one row with the code "200" and the details "Response body". Below the "Response body" text is a dark gray box containing the word "true" in orange.

```
{
  "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<br>string<br>(query)                        | <input type="text" value="mouse"/> |
| quantityAvailable<br>integer(\$int32)<br>(query) | <input type="text" value="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  | <div>Response body</div> <pre>true</pre> |

## DeleteItemInInventory : To delete item from database

**DELETE** /ShopBridge/DeleteItemInInventory

**Parameters**

| Name                      | Description                        |
|---------------------------|------------------------------------|
| name<br>string<br>(query) | <input type="text" value="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  | <div>Response body</div> <pre>true</pre> <div>Response headers</div> <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>

