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# ASSIGNMENT 7

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Shariar Islam Saimon (1147129)

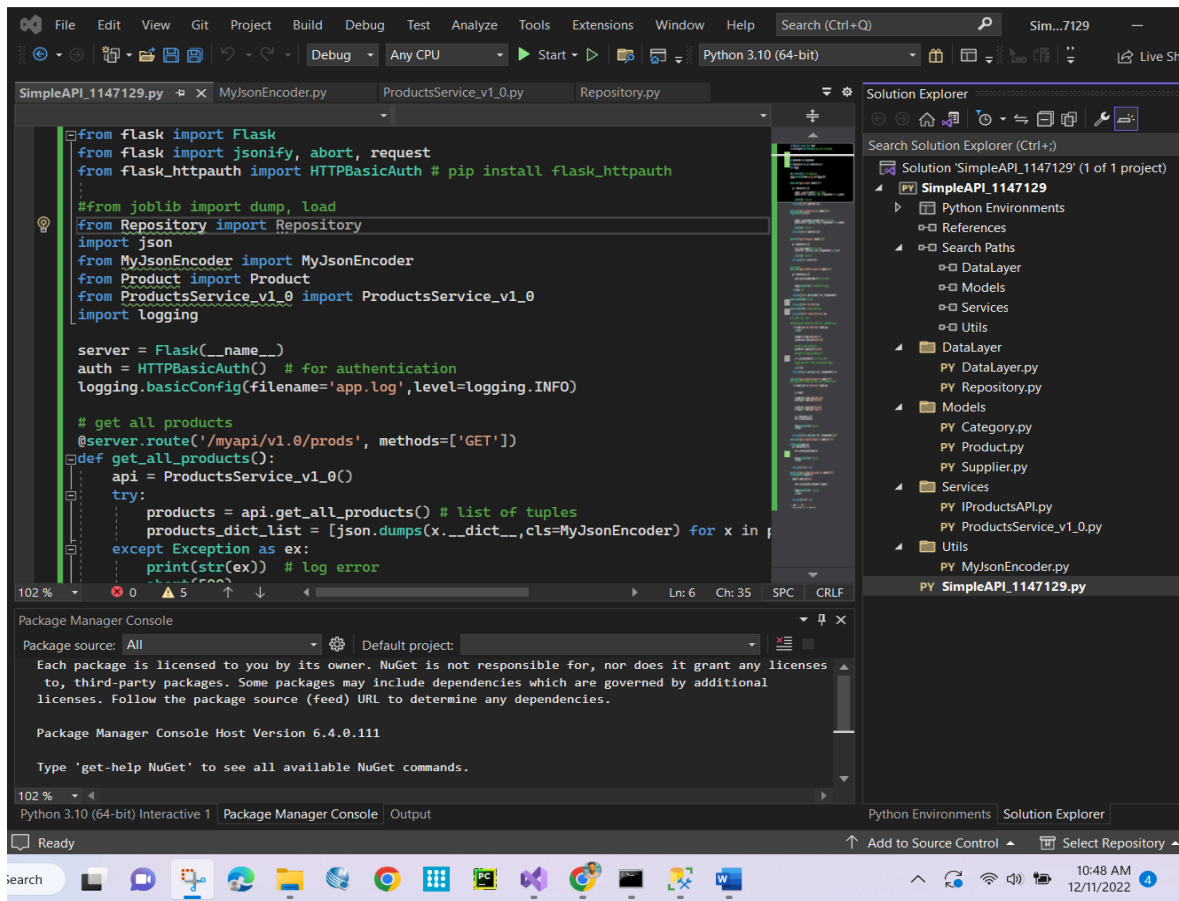


DECEMBER 11, 2022

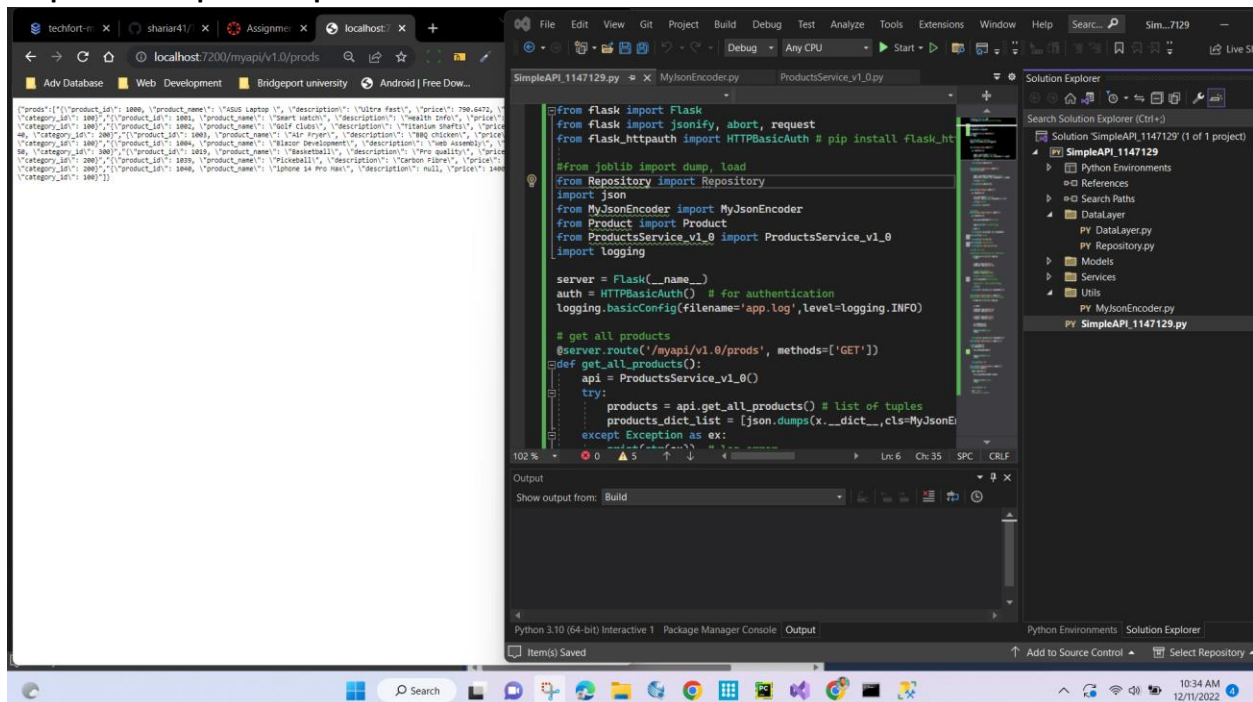
CPSC-555 (FALL-2022)

Ausif Mahmood

## SimpleAPI\_1147129 Python Project:



## Response from product api



## Exercise:

### GET Products by id

The screenshot shows the Postman interface with a GET request configured. The URL is `http://localhost:7200/myapi/v1.0/prods/bypid/1000`. The response is a JSON object with the following structure:

```
{  "prod": {    "product_id": 1000,    "product_name": "ASUS Laptop ",    "description": "Ultra fast",    "price": 798.6472,    "stock_level": 46,    "category_id": 100,    "onsale": true,    "discontinued": false  }}
```

The response status is 200 OK, with a response time of 15 ms and a body size of 381 B.

## POST

The screenshot shows the Postman interface with a PUT request configured. The URL is `http://localhost:7200/myapi/v1.0/prods/1022`. The request is configured with Basic Authentication. The Username is `dbuser` and the Password is `dbuser100`. The `Show Password` checkbox is checked.

A warning message is displayed: "Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about [variables](#)."

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace New Import POST post product GET get products POST post prods GET get prods POST login No Environment

Collections QuickMed Appointment chat Chat Doctor final auth Food\_knock Food\_knock main server foodknock revised foodknock v2 Hospital New Collection RapidAPI rest password SaimonPropertiesLtd: e-office spl-erp WEB DEVELOPMENT AUSIF MAHMOOD... assignment 7 exercise GET get prods POST post prods GET login GET get products POST post product

WEB DEVELOPMENT AUSIF MAHMOOD / assignment 7 exercise / post prods

POST http://localhost:7200/myapi/v1.0/prods Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies Beautify

Body form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "product_id": 1022,
3   "product_name": "HP Laptop ",
4   "description": "Ultra fast",
5   "price": 790.6472,
6   "stock_level": 23,
7   "category_id": 100,
8   "onsale": false,
9   "Discontinued": false
10 }
```

Body Cookies Headers (5) Test Results 201 CREATED 106 ms 385 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "prod": "{\n\"product_id\": 1022, \n\"product_name\": \"HP Laptop \", \n\"description\": \"Ultra fast\", \n\"price\": 790.6472, \n\"stock_level\": 23, \n\"category_id\": 100, \n\"onsale\": false, \n\"Discontinued\": false}"
3 }
```

Online Find and Replace Console Cookies Capture requests Runner Trash 7:47 AM 12/12/2022

Home Workspaces API Network Explore Search Postman Invite Upgrade

My Workspace New Import POST post product GET get products POST post prods GET get prods POST login No Environment

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WEB DEVELOPMENT AUSIF MAHMOOD / assignment 7 exercise / get prods

GET http://localhost:7200/myapi/v1.0/prods Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Type No Auth

This request does not use any authorization. Learn more about [authorization](#)

Body Cookies Headers (5) Test Results 200 OK 94 ms 1.98 KB Save Response

Pretty Raw Preview Visualize JSON

```
4 {
5   "product_id": 1001, "product_name": "Smart Watch", "description": "Health info", "price": 320.8388, "stock_level": 80, "category_id": 100, "onsale": false, "Discontinued": true},
6   "product_id": 1002, "product_name": "Golf Clubs", "description": "Titanium Shafts", "price": 737.1525, "stock_level": 40, "category_id": 200, "onsale": false, "Discontinued": true},
7   "product_id": 1003, "product_name": "Air Fryer", "description": "BBQ chicken", "price": 120.99, "stock_level": 6, "category_id": 100, "onsale": true, "Discontinued": false},
8   "product_id": 1004, "product_name": "Blazor Development", "description": "Web Assembly", "price": 65.75, "stock_level": 50, "category_id": 300, "onsale": true, "Discontinued": false},
9   "product_id": 1019, "product_name": "Basketball", "description": "Pro quality", "price": 48.5, "stock_level": 99, "category_id": 200, "onsale": false, "Discontinued": false},
10  "product_id": 1022, "product_name": "HP Laptop", "description": "Ultra fast", "price": 790.6472, "stock_level": 23, "category_id": 100, "onsale": false, "Discontinued": false},
11  "product_id": 1039, "product_name": "Pickleball", "description": "Carbon Fibre", "price": 98.5, "stock_level": 79, "category_id": 200, "onsale": false, "Discontinued": false},
12  "product_id": 1040, "product_name": "iphone 14 Pro Max", "description": null, "price": 1490.0, "stock_level": 30, "category_id": 100, "onsale": false, "Discontinued": false}
13 }
```

Online Find and Replace Console Cookies Capture requests Runner Trash 7:51 AM 12/12/2022

# PUT

The screenshot shows the Postman interface with a workspace named 'My Workspace'. The left sidebar lists collections, including 'QuickMed', 'Appointment', 'chat', 'Chat', 'Doctor', 'final auth', 'Food\_knock', 'Food\_knock main server', 'foodknock revised', 'foodknock v2', 'Hospital', 'New Collection', and 'RapidAPI'. The main panel displays a PUT request configuration for the endpoint 'http://localhost:7200/myapi/v1.0/prods/1022'. The 'Authorization' tab is selected, showing a 'Basic Auth' type. A warning message states: 'Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables'. The 'Username' field is set to 'dbuser' and the 'Password' field is set to 'dbuser100'. The 'Show Password' checkbox is checked. The 'Send' button is visible in the top right corner.

The screenshot shows the Postman interface with the same workspace. The main panel displays the response of the PUT request for the endpoint 'http://localhost:7200/myapi/v1.0/prods/update/1022'. The 'Body' tab is selected, showing the response body in JSON format. The response is a 201 CREATED status with a time of 70 ms and a size of 385 B. The response body is a JSON object: 

```
{  "product_id": 1022,  "product_name": "HP Laptop ",  "description": "Ultra fast",  "price": 600.12,  "stock_level": 23,  "category_id": 100,  "onsale": false,  "discontinued": false}
```

. The 'Pretty' tab is selected, showing the formatted JSON. The 'Save Response' button is visible in the top right corner. The bottom status bar shows 'Page 5 of 10', 'Online', 'Find and Replace', 'Console', 'Cookies', 'Capture requests', 'Runner', 'Trash', and the system clock '3:17 PM 12/12/2022'.

# DELETE

