

Advance Python Programming

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Error while installing requirements:

```
Successfully installed annotated-doc-0.0.3 annotated-types-0.7.0 anyio-4.11.0 fastapi-0.121.0 h11-0.16.0 idna-3.11 mangum-0.19.0 pydantic-2.12.4
pydantic-core-2.41.5 sniffio-1.3.1 starlette-0.49.3 typing-extensions-4.15.0 typing-inspection-0.4.2 uvicorn-0.38.0
PS C:\Users\nsush> python -m venv venv
python : The term 'python' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the
name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ python -m venv venv
~
+ CategoryInfo          : ObjectNotFound: (python:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\nsush> py -m venv venv
```

Recovered it with using py:

```
PS C:\Users\nsush> python -m venv venv
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\nsush> py -m venv venv
PS C:\Users\nsush> venv\Scripts\activate
(venv) PS C:\Users\nsush> Invoke-RestMethod -Uri "http://127.0.0.1:8080/discount_vendor_info" `
>> -Method POST `
>> -Headers @{ "Content-Type" = "application/json" } `
>> -Body '{"product_id": 1, "name": "Beige Living Room Sofa", "price": 499}'
Invoke-RestMethod : Unable to connect to the remote server
At line:1 char:1
+ Invoke-RestMethod -Uri "http://127.0.0.1:8080/discount_vendor_info" ...
~
+ CategoryInfo          : NotSpecified: (:) [Invoke-RestMethod], WebException
+ FullyQualifiedErrorId : System.Net.WebException,Microsoft.PowerShell.Commands.InvokeRestMethodCommand
```

Again error with unicorn:

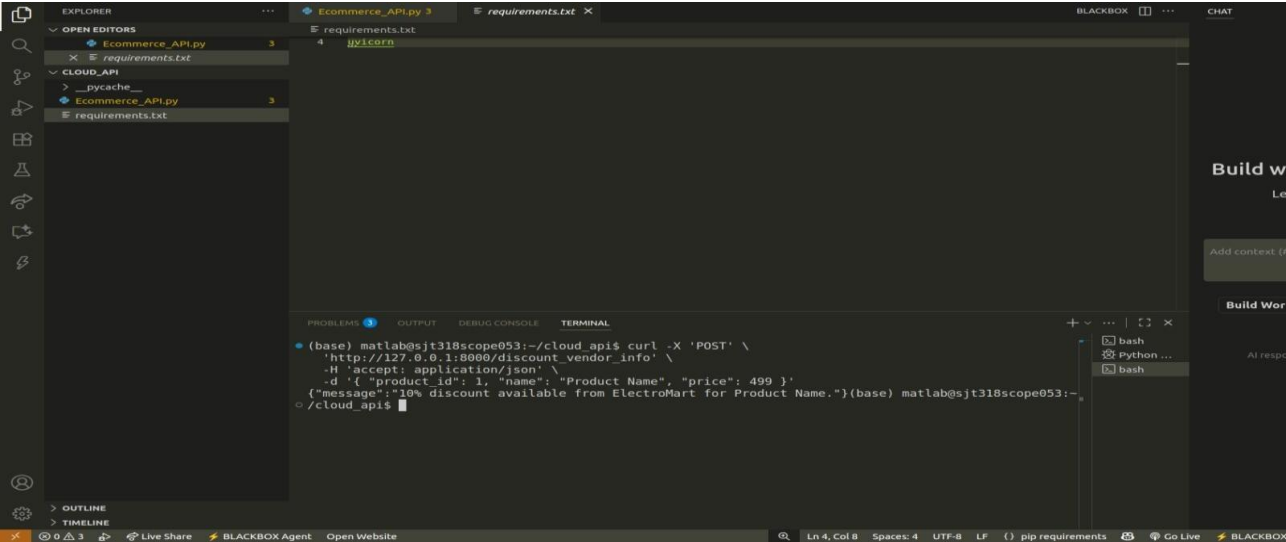
```
(venv) PS C:\Users\nsush> uvicorn app:app --reload
uvicorn : The term 'uvicorn' is not recognized as the name of a cmdlet, function, script file, or operable program. Check the spelling of the
name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ uvicorn app:app --reload
~
+ CategoryInfo          : ObjectNotFound: (uvicorn:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

Installed unicorn and fastapi:

```
(venv) PS C:\Users\nsush> py -m pip install uvicorn
>>
Using cached uvicorn-0.38.0-py3-none-any.whl.metadata (6.8 kB)
Collecting click>=7.0 (from uvicorn)
Using cached click-8.3.0-py3-none-any.whl.metadata (2.6 kB)
Collecting h11>=0.8 (from uvicorn)
Using cached h11-0.16.0-py3-none-any.whl.metadata (8.3 kB)
Collecting colorama (from click>=7.0->uvicorn)
Using cached colorama-0.4.6-py2.py3-none-any.whl.metadata (17 kB)
Using cached uvicorn-0.38.0-py3-none-any.whl (68 kB)
Using cached click-8.3.0-py3-none-any.whl (107 kB)
Using cached h11-0.16.0-py3-none-any.whl (37 kB)
Using cached colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Installing collected packages: h11, colorama, click, uvicorn
Successfully installed click-8.3.0 colorama-0.4.6 h11-0.16.0 uvicorn-0.38.0

[notice] A new release of pip is available: 24.2 -> 25.3
[notice] To update, run: python.exe -m pip install --upgrade pip
(venv) PS C:\Users\nsush> py -m pip install fastapi
collecting fastapi
```

Ecommerce API:



E-Commerce API 1.0 OAS 3.1

/openapi.json

default

POST /discount_vendor_info Add To Cart

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/discount_vendor_info' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

http://127.0.0.1:8000/discount_vendor_info

Server response

Code	Details
500	Error: Internal Server Error

Response body

```
{
  "detail": "Processing failed: Expecting value: line 1 column 1 (char 0)"
}
```

Response headers

```
access-control-allow-credentials: true
access-control-allow-origin: *
content-length: 73
```

127.0.0.1:8000/docs#/default/add_to_cart_discount_vendor_info_post

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/discount_vendor_info' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

http://127.0.0.1:8000/discount_vendor_info

Server response

Code

Details

500

Error: Internal Server Error

Undocumented

Response body

```
{
  "detail": "Processing failed: Expecting value: line 1 column 1 (char 0)"
}
```

Download

Response headers

```
access-control-allow-credentials: true
access-control-allow-origin: *
content-length: 73
content-type: application/json
date: Fri, 07 Nov 2025 05:37:01 GMT
server: unicorn
```

Responses

Code	Description	Links
200	Successful Response	No links

Media type

application/json

Content Accept header

Example Value

Schema

```
"string"
```