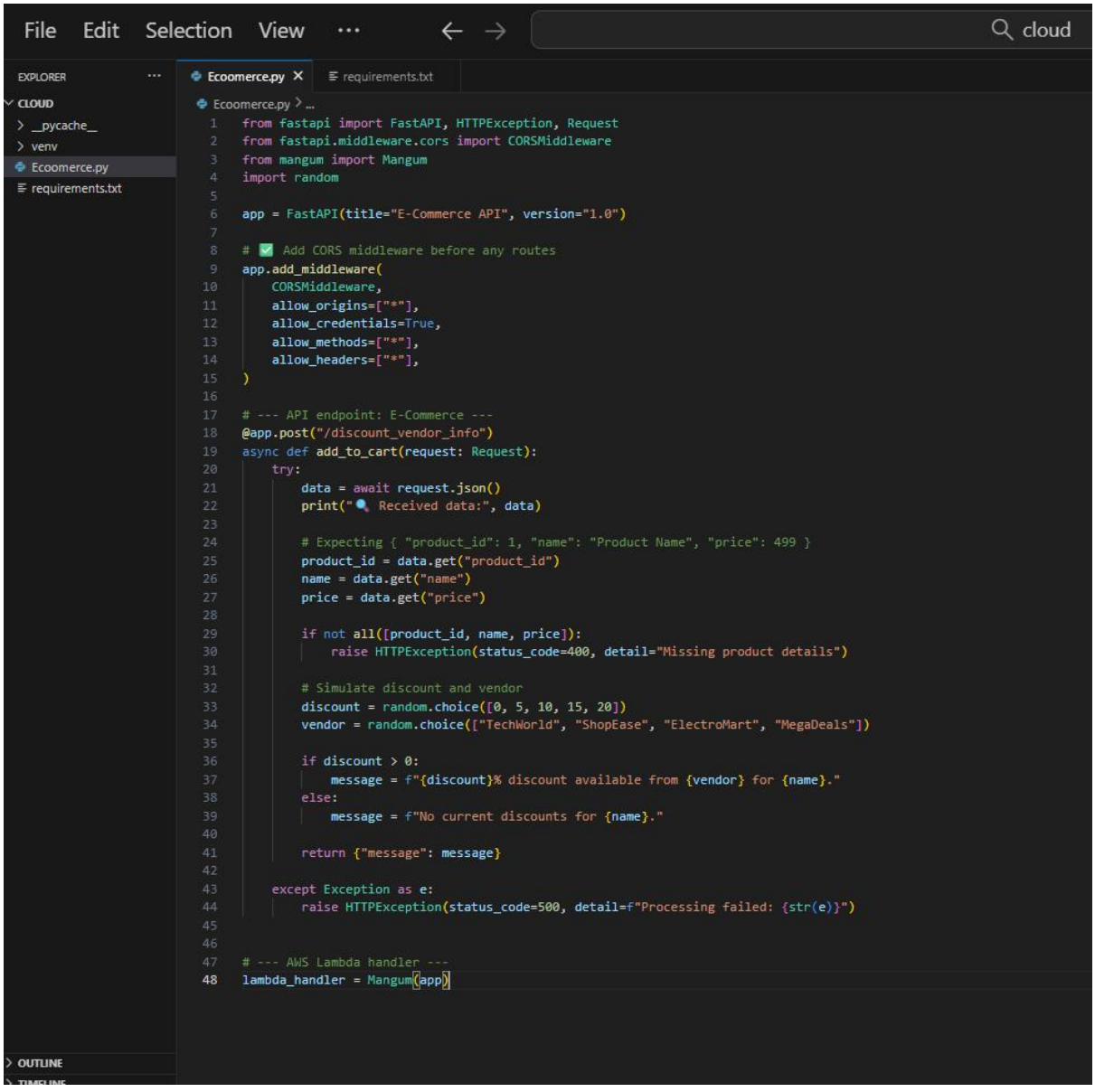
Name:S.Jewel Reddy

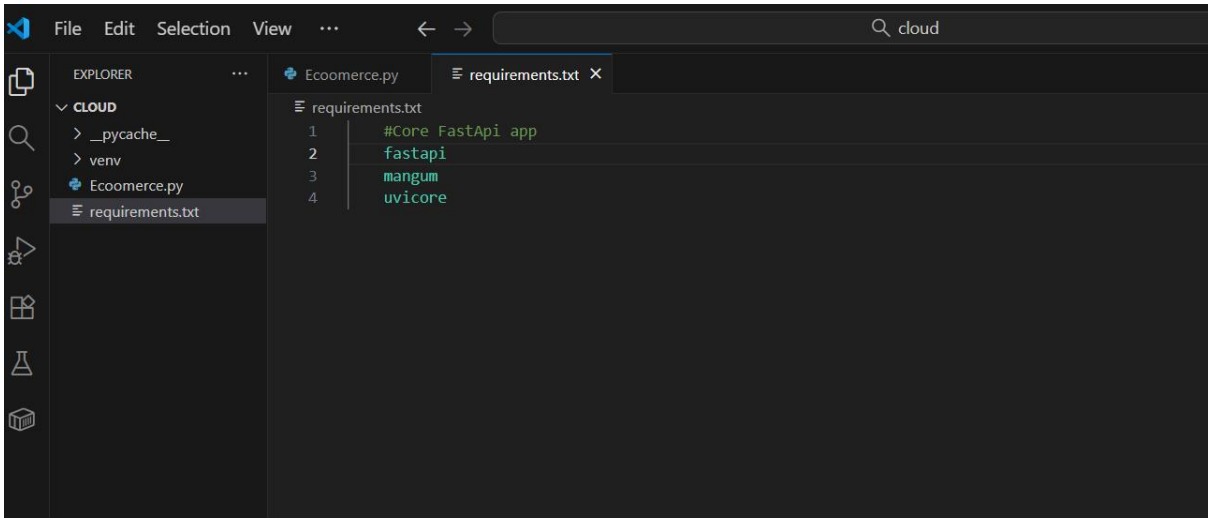
Reg No:22MID0161

Cloud Demo:

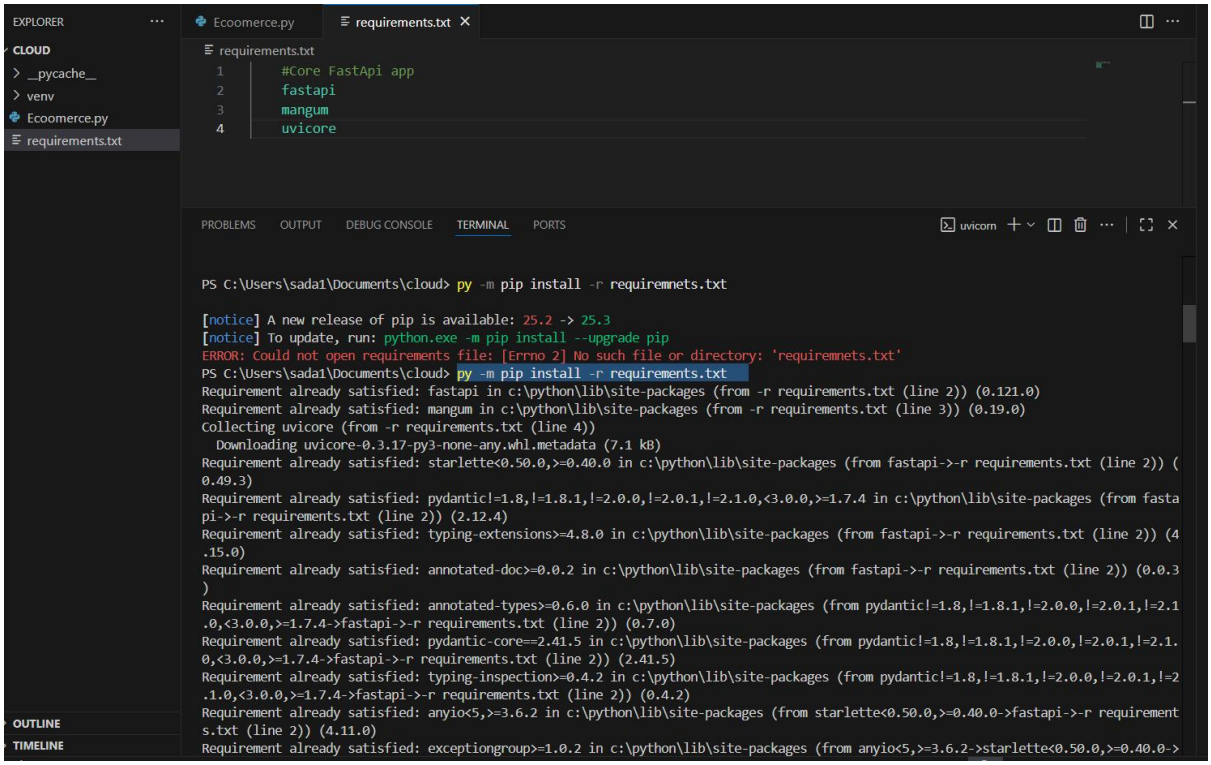
Eccomerce file

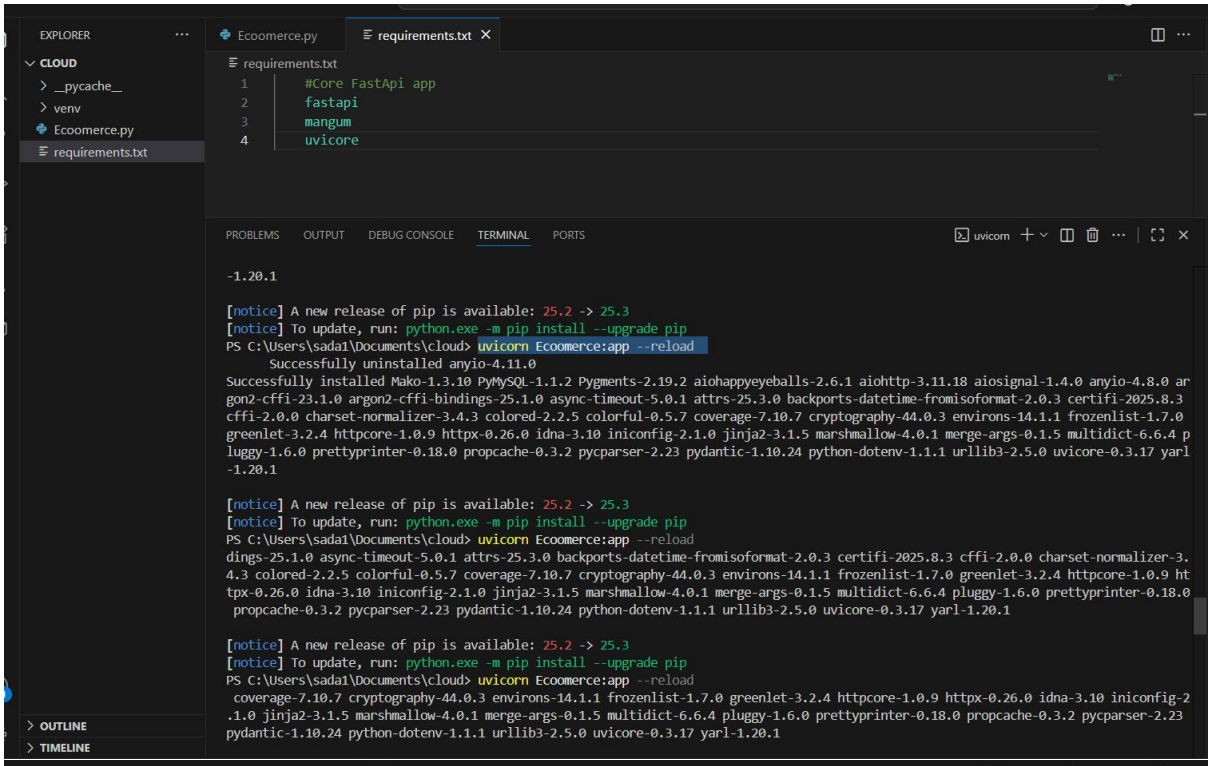


Requirements file:



Importing required files

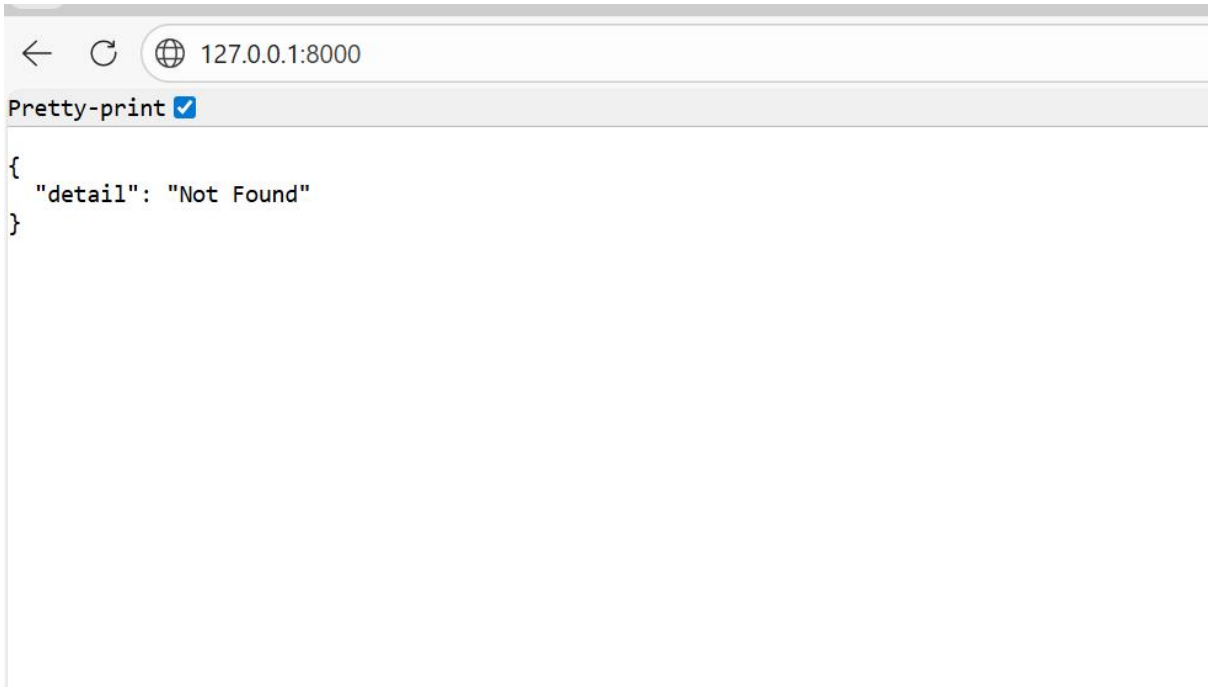


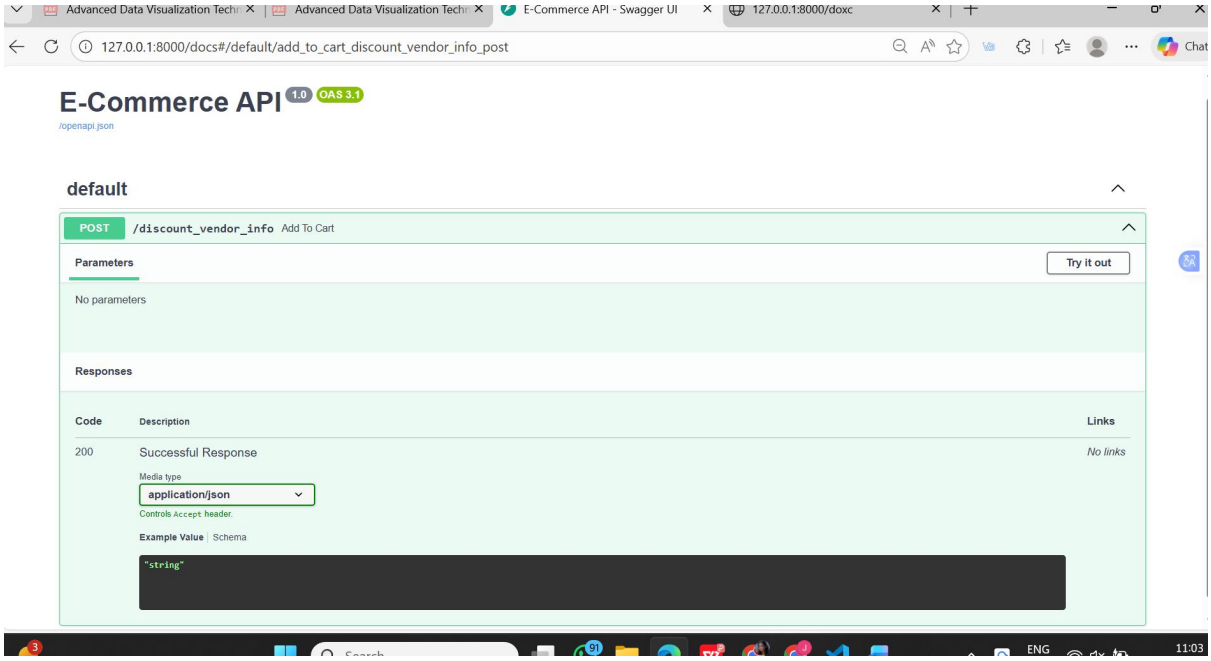


PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

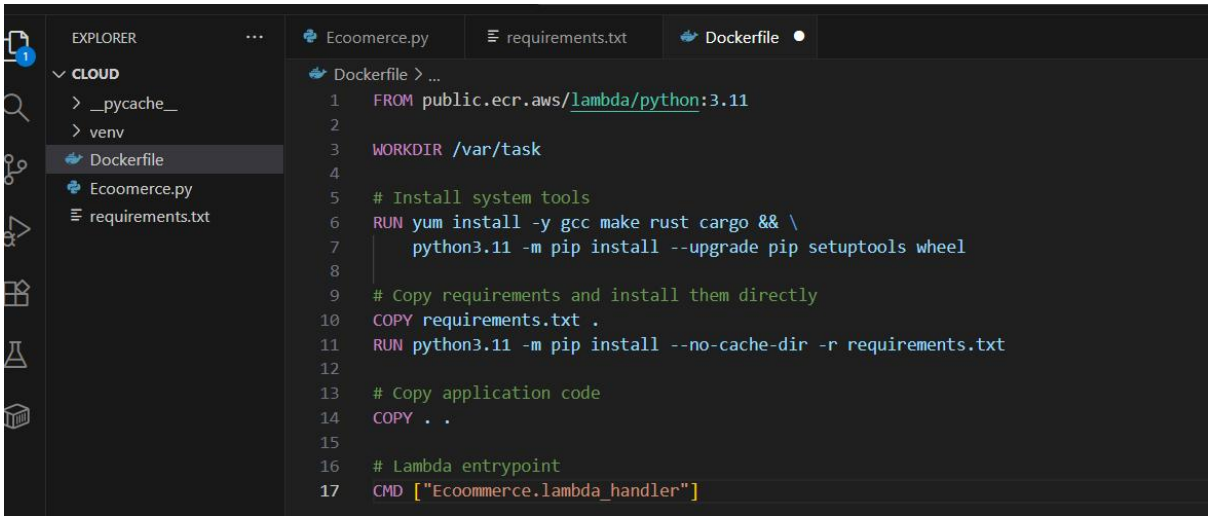
uvicorn

```
INFO:     Will watch for changes in these directories: ['C:\\Users\\sada1\\Documents\\cloud']
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\sada1\Documents\cloud> uvicorn Ecoomerce:app --reload
INFO:     Will watch for changes in these directories: ['C:\\Users\\sada1\\Documents\\cloud']
INFO:     Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
PS C:\Users\sada1\Documents\cloud> uvicorn Ecoomerce:app --reload
INFO:     Will watch for changes in these directories: ['C:\\Users\\sada1\\Documents\\cloud']
INFO:     Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:     Will watch for changes in these directories: ['C:\\Users\\sada1\\Documents\\cloud']
INFO:     Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:     Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:     Started reloader process [2880] using StatReload
INFO:     Started server process [4352]
INFO:     Started reloader process [2880] using StatReload
INFO:     Started server process [4352]
INFO:     Waiting for application startup.
INFO:     Started server process [4352]
INFO:     Waiting for application startup.
INFO:     Waiting for application startup.
INFO:     Application startup complete.
INFO:     Application startup complete.
INFO:     127.0.0.1:54619 - "GET / HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:54619 - "GET /favicon.ico HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:61230 - "GET /doxc HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:53951 - "GET / HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:58367 - "GET /doxc HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:55954 - "GET / HTTP/1.1" 404 Not Found
INFO:     127.0.0.1:55954 - "GET / HTTP/1.1" 404 Not Found
```





Creating the Docker file and building Docker image


EXPLORER
CLOUD
__pycache__
venv
Dockerfile
Ecoomerce.py
requirements.txt
Ecoomerce.py
requirements.txt
Dockerfile
Dockerfile > ...
1 FROM public.ecr.aws/lambda/python:3.11
3 WORKDIR /var/task
5 # Install system tools
6 RUN yum install -y gcc make rust cargo && \
7 python3.11 -m pip install --upgrade pip setuptools wheel
9 # Copy requirements and install them directly
10 COPY requirements.txt .
11 RUN python3.11 -m pip install --no-cache-dir -r requirements.txt
13 # Copy application code
14 COPY . .
16 # Lambda entrypoint
17 CMD ["Ecoommerce.lambda_handler"]


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Usage: docker buildx build [OPTIONInvoke-RestMethod -Uri "http://127.0.0.1:8000/discount_vendor_info" `
>> -Method POST `
>> -Headers @{ "Content-Type" = "application/json" } `
>> -Body '{"product_id": 1, "name": "Beige Living Room Sofa", "price": 499}'
message
No current discounts for Beige Living Room Sofa.
PS C:\Users\sada1\Documents\cloud> docker build -t ecommerce_api .
[+] Building 468.6s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 465B
Ln 17, Col 13
Spaces: 4