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Task no: week 6 task:

Internship domain: python language:

Date: 28 August 2025:
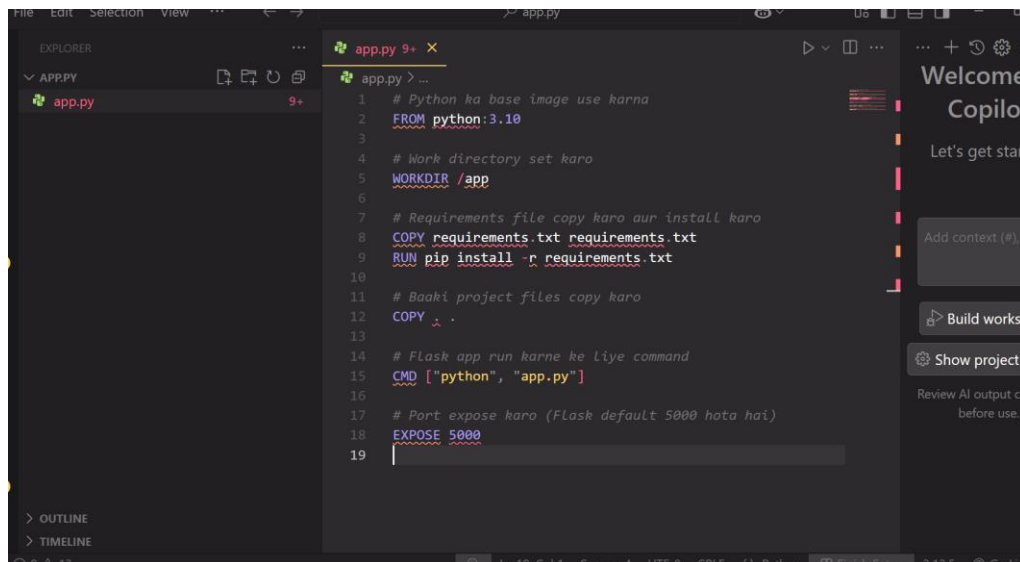

Task week 6:

You have to make a Simple web page using html css and flask then convert your app to Docker iamge and run this image
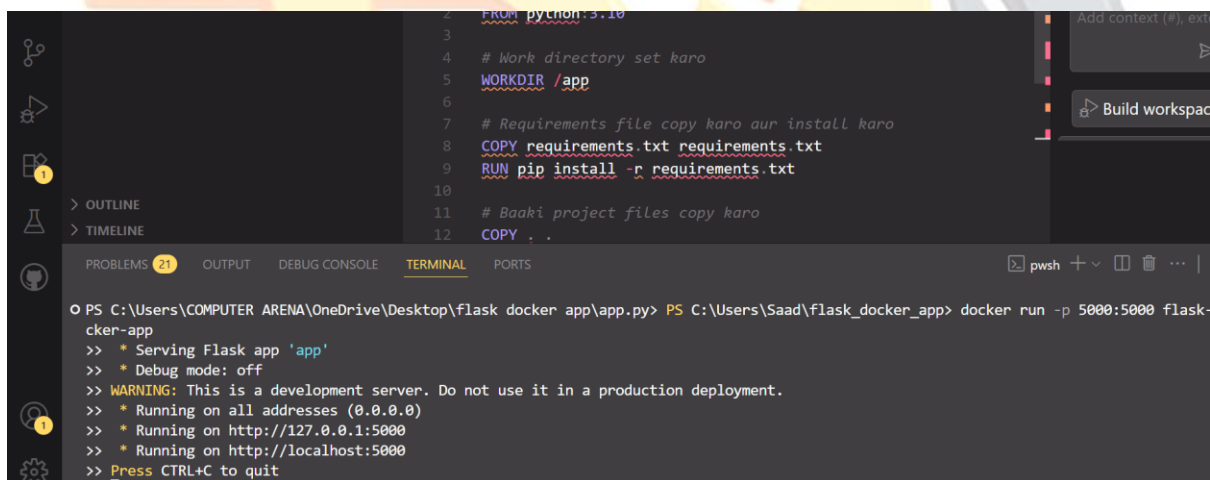
Answer:

First I download the dockar app and after that I make the folder with the name of dockor app and after that I made different files:

```
flask_docker_app/
├── app.py
├── requirements.txt
├── Dockerfile
├── templates/
│   └── index.html
└── static/
    └── style.css
```

These are the files structure of my work . after that I take the files and give command to vs code

```
# Python ka base image use karna
FROM python:3.10

# Work directory set karo
WORKDIR /app

# Requirements file copy karo aur install karo
COPY requirements.txt requirements.txt
RUN pip install -r requirements.txt

# Baaki project files copy karo
COPY . .

# Flask app run karne ke liye command
CMD ["python", "app.py"]

# Port expose karo (Flask default 5000 hota hai)
EXPOSE 5000
```



```
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```

PROBLEMS 21   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\COMPUTER ARENA\OneDrive\Desktop\flask docker app\app.py> PS C:\Users\Saad\flask_docker_app> docker run -p 5000:5000 flask-
cker-app
>>  * Serving Flask app 'app'
>>  * Debug mode: off
>> WARNING: This is a development server. Do not use it in a production deployment.
>>  * Running on all addresses (0.0.0.0)
>>  * Running on http://127.0.0.1:5000
>>  * Running on http://localhost:5000
>> Press CTRL+C to quit
```

After doing this I give the commands to power shells that where exactly the path of the files and the folders is:

```
Successfully built ...

Successfully tagged flask-docker-app:latest

Running on http://localhost:5000
```

```
PS C:\Users\Saad\flask_docker_app> docker build -t flask-docker-app .
Successfully built 9c2df23cfa1a7b
Successfully tagged flask-docker-app:latest

PS C:\Users\Saad\flask_docker_app> docker run -p 5000:5000 flask-docker-app
 * Running on http://127.0.0.1:5000
```