Report for internship task 6:

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Internship iD: TN/IN02/PY/026:

GitHub link: https://github.com/Saad-Bin-Haroon/internship-task-6.git

Task Objective:

The objective of this task is for the docker desktop

snippets:

cd Desktop\flask_app

D:

cd Projects\flask_app

dir in powershell

PS C:\Users\Saad\flask_docker_app> docker run -p 5000:5000 flask-docker-app

 * Serving Flask app 'app'

 * Debug mode: off

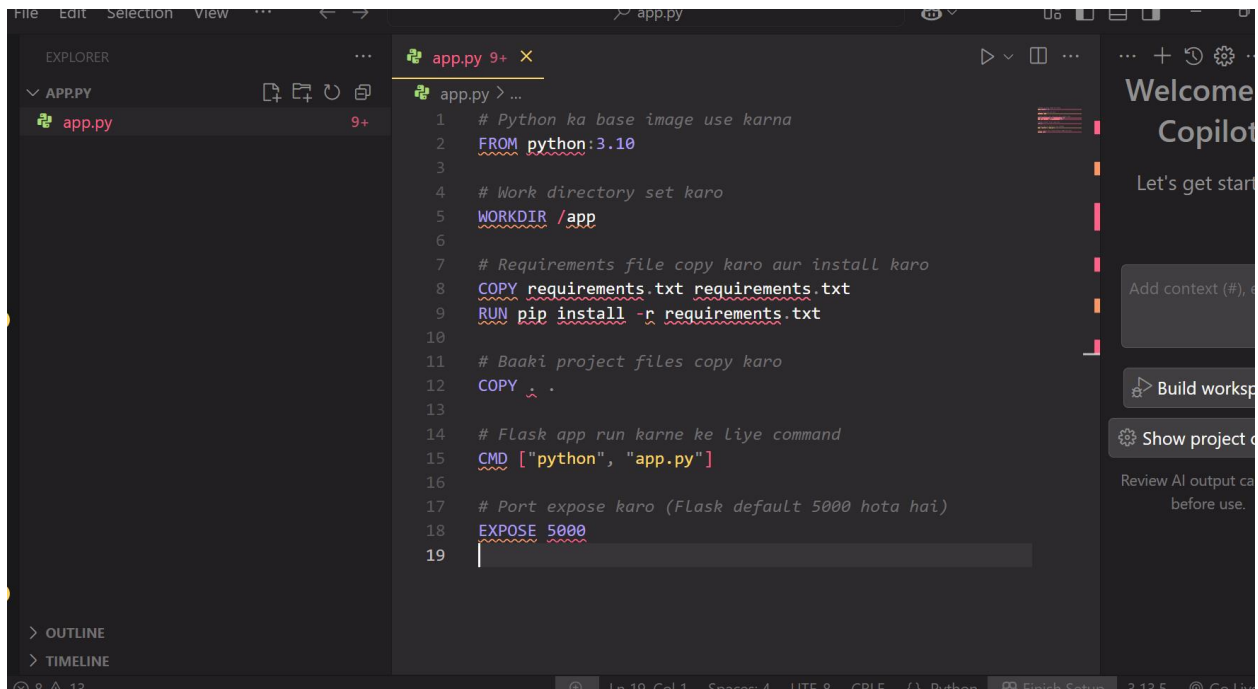WARNING: This is a development server. Do not use it in a production deployment.

 * Running on all addresses (0.0.0.0)
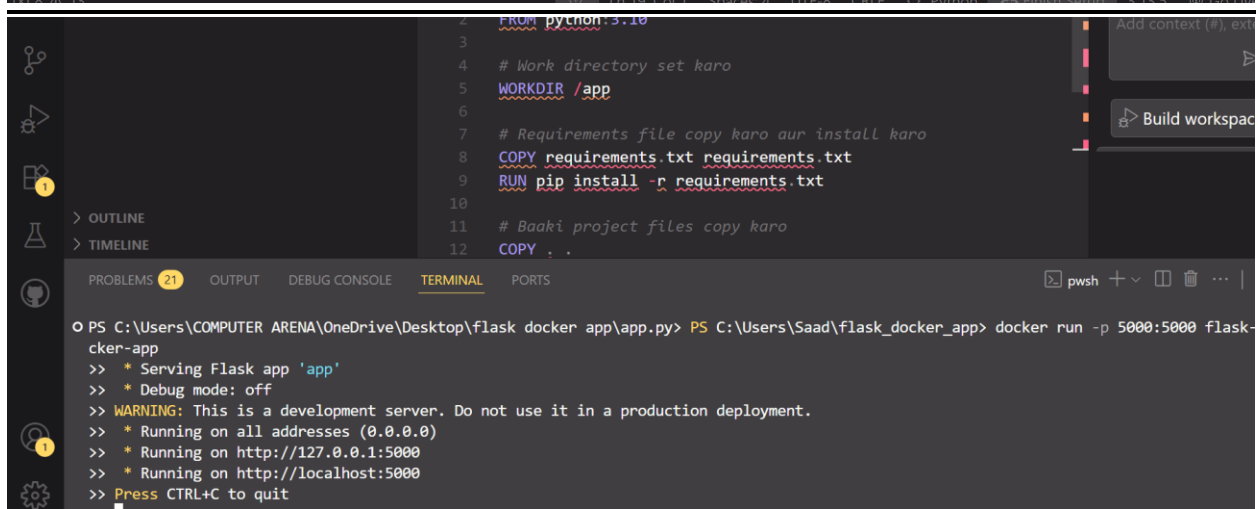
 * Running on http://127.0.0.1:5000

 * Running on http://localhost:5000

Press CTRL+C to quit

screenshots:

EXPLORER

∨ APP.PY

app.py   9+

```dockerfile
1    # Python ka base image use karna
2    FROM python:3.10
3
4    # Work directory set karo
5    WORKDIR /app
6
7    # Requirements file copy karo aur install karo
8    COPY requirements.txt requirements.txt
9    RUN pip install -r requirements.txt
10
11   # Baaki project files copy karo
12   COPY . .
13
14   # Flask app run karne ke liye command
15   CMD ["python", "app.py"]
16
17   # Port expose karo (Flask default 5000 hota hai)
18   EXPOSE 5000
19
```

Welcome
Copilot

Let's get start

Add context (#),

Build worksp

Show project

Review AI output ca
before use.

> OUTLINE

> TIMELINE

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FROM python:3.10
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Add context (#), ext

Build workspac

> OUTLINE

> TIMELINE

PROBLEMS 21   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   pwsh + ∨

```
○ 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
```

```
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
```

Reflections:

I faced different challenges but learned a lot from this and learn to command to the power shell and how to make image on docor app:

☑ **End of Report:**