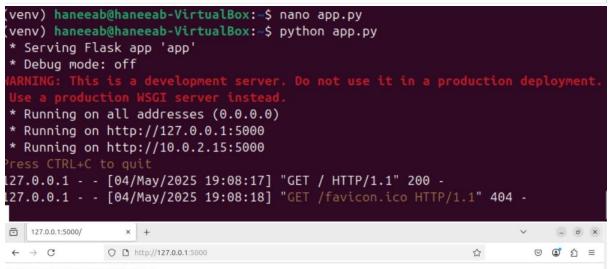
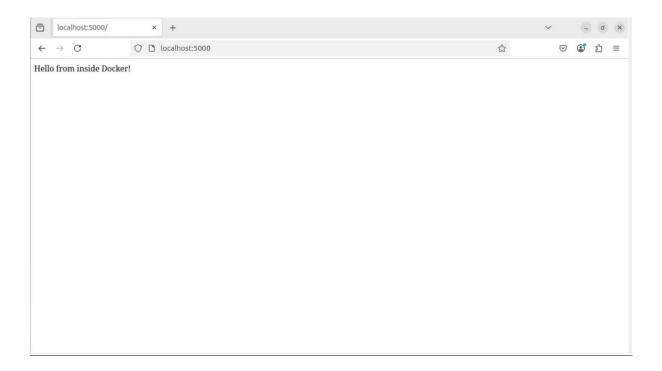
VMware Player:



Hello from inside the Virtual Machine!

Docker Container:

```
naneeab@naneeab-virtualBox:
                                                             er_app$ sudo docker run -d -p 500
0:5000 flask-docker-app
f1e43d0c02c22a6fa46f99ea54bb3cf08393faab5d74003e07d315d5c83dcf4a
haneeab@haneeab-VirtualBox:~/Desktop/flask_docker_app$ S
                                             app.py
~/Desktop/flask_docker_app
Open v 🕕
                                                                                        Dockerfile
from flask import Flask
app = Flask(__name__)
@app.route('/')
def hello():
   return "Hello from inside Docker!"
if __name__ == '__main__':
   app.run(host='0.0.0.0', port=5000)
                                                 Dockerfile
 Open v 🕕
                                                                                        Ø ≡ - ø ×
                       app.py
                                                                           Dockerfile
 # Use official Python base image
 FROM python:3.12-slim
 # Set working directory
 WORKDIR /app
 # Copy app to container
 # Install Flask
 RUN pip install flask
 # Run the app
 CMD ["python", "app.py"]
```



AWS EC2:

```
haneeab@haneeab-VirtualBox:~/Desktop$ ssh -i key.pem ubuntu@13.60.235.140
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1024-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management:
                  https://landscape.canonical.com
                  https://ubuntu.com/pro
* Support:
System information as of Mon May 5 20:16:59 UTC 2025
 System load: 0.0
                                 Temperature:
                                                       -273.1 C
               25.2% of 6.71GB
 Usage of /:
                                 Processes:
                                                       106
 Memory usage: 23%
                                 Users logged in:
                                 IPv4 address for ens5: 172.31.25.188
 Swap usage: 0%
Expanded Security Maintenance for Applications is not enabled.
 updates can be applied immediately.
```

✓ Hello from AWS EC2!

```
(myenv) ubuntu@ip-172-31-25-188:-$ nano app.py
(myenv) ubuntu@ip-172-31-25-188:-$ python app.py
* Serving Flask app 'app'
* Debug mode: off
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.31.25.188:5000
Press CTRL+C to quit
46.19.85.235 - - [05/May/2025 20:30:40] "GET / HTTP/1.1" 200 - 46.19.85.235 - - [05/May/2025 20:30:41] "GET /favicon.ico HTTP/1.1" 404 -
```