

Mkdir A37

nano nginx.conf

```
http {
    upstream backend {
        server flask_container:5000; # Replace 'flask_container' with your Flask container name
        or IP
        server wordpress_container:80; # Replace 'wordpress_container' with your WordPress
        container name or IP
    }

    server {
        listen 80;

        location / {
            proxy_pass http://backend;
            proxy_set_header Host $host;
            proxy_set_header X-Real-IP $remote_addr;
            proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
            proxy_set_header X-Forwarded-Proto $scheme;
        }
    }
}
```

mkdir -p ~/nginx/config

cp nginx.conf ~/nginx/config/

docker run -d -p 80:80 --name nginx\_container -v  
~/nginx/config/nginx.conf:/etc/nginx/nginx.conf:ro nginx

sudo nano /etc/hosts

Add lines like:

```
127.0.0.1      flaskapp
127.0.0.1      wordpressapp
```

Making flask app:

pip install Flask

nano app.py

```
from flask import Flask
```

```
app = Flask(__name__)
```

```
@app.route('/')
def index():
```

```
    return 'Hello, this is the Flask app!'
```

```
if __name__ == '__main__':
```

```
    app.run(host='0.0.0.0', port=5000)
```

python3 app.py

127.0.0.1:5000