Dev-Ops

Task 4
Report

**Arash
Behnamfar**

```
devops@UbuntuServer:~$ cat <<EOF > app.py
from flask import Flask
app = Flask(__name__)

@app.route("/")
def hello():
    return "Hello from Flask via Nginx reverse proxy!"

if __name__ == "__main__":
    app.run(port=3000)
EOF

python3 app.py
 * Serving Flask app 'app'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deploym
ent. Use a production WSGI server instead.
 * Running on http://127.0.0.1:3000
Press CTRL+C to quit
```

```
location / {
        proxy_pass http://127.0.0.1:3000;
        proxy_set_header Host $host;
        proxy_set_header X-Real-IP $remote_addr;
}
```

```
devops@UbuntuServer:~$ sudo systemctl restart nginx
```

```
127.0.0.1 - - [13/Sep/2025 00:10:38] "GET / HTTP/1.0" 200 -
```