

Github link:

<https://github.com/karimnihal/603MLO/tree/main/lab8app>

Terminal A running uvicorn

```
PROBLEMS 15 OUTPUT DEBUG CONSOLE TERMINAL PORTS
(mlops) 12:50:21 nk13:~/gitRepos/mlops-msds603-nk/lab8app % uvicorn lab8app:app --reload
INFO: Will watch for changes in these directories: ['/Users/nk13/gitRepos/mlops-msds603-nk/lab8app']
INFO: Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO: Started reloader process [92637] using StatReload
INFO: Started server process [92639]
INFO: Waiting for application startup.
Downloading artifacts: 100% | 5/5 [01:00~00:00, 12.10s/it]
✓ Model loaded from mlflow-artifacts:/3/666241ac5fa0418e99dc133edb07501d/artifacts/model
INFO: Application startup complete.
/Users/nk13/gitRepos/mlops-msds603-nk/venv/mlops/lib/python3.10/site-packages/sklearn/base.py:439: UserWarning: X does not have valid feature names, but RandomForestRegressor was fitted with feature names
  warnings.warn(
INFO: 127.0.0.1:55759 - "POST /predict HTTP/1.1" 200 OK
/Users/nk13/gitRepos/mlops-msds603-nk/venv/mlops/lib/python3.10/site-packages/sklearn/base.py:439: UserWarning: X does not have valid feature names, but RandomForestRegressor was fitted with feature names
  warnings.warn(
INFO: 127.0.0.1:55775 - "POST /predict HTTP/1.1" 200 OK
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```

Terminal B showing successful test_app.py and curl output

```
12:52:25 nk13:~/gitRepos/mlops-msds603-nk % python lab8app/test_app.py
Status code: 200
Response: {
  "prediction": 312412.9476190476
}
12:52:26 nk13:~/gitRepos/mlops-msds603-nk % curl -X POST http://127.0.0.1:8000/predict \
-H "Content-Type: application/json" \
-d '{"features": [7, 1800, 1000, 960, 500, 800, 9450, 2004, 484, 2, 2, 2005, 511836, 65, 84, 0, 6, 2004, 5, 196, 0, 1380, 0, 2, 0, 0, 7, 1, 1, 120]}'
{"prediction": 208280.320120234}
12:55:46 nk13:~/gitRepos/mlops-msds603-nk % █
```