EXPLORER   ⋯   📄 app.py   ✕

∨ FLASK-K8S-APP

📄 app.py   ●

📄 Dockerfile   ●

📄 requirements.txt   ●

> BUTLINE

```python
1   from flask import Flask, jonify
2
3   app = Flask(__name__)
4
5   @app.route('/')
6     def home()
7       return jonify('"(message': "Flask API running successfully)')
8
9   if _name_ == ''_main':
10      app.run(host='0.0.0.0', port=5000)
```

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```
(base)/user/ flask-k8s-app> docker build -t flask-api .
(base) flask-k8s-app> docker build -cmo° ..
Step 1: Pull image
Step 2: Pull python: 3.9-slim
Step 3: Set the image "/app
Step 4: Copy r fle a-requirements.txt
Step 5: RUM pp install -r rergmen1
Step 6: Copy app.py
Step 7: CMD ["python". 0.0.0.0", port=5000)
(base) Successfully built  46124a2835eb
(base) Successfully tagged flask-api:latest
(base)/user/ flask-k8s-app> docker build  t ▮
```

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```
(base) /user/ flask-k8s-app> kubectl get pods
   NAME            READY    STATUS    RESTARTS    AGE
--------------------------------------------------------
   flask-deployment-6b4485bf9c-8vds           1           16s
(base) /user/ flask-k8s-app> kubectl get pods
```

192:168:49:2:30007   ✕   +   — □ ✕

← → ↻   ⓘ 192.168:49.2:30007   ☆ ▣ 🧩 J9   ⋮

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{"message". "Flask API running successfully"}