

```
FROM python:3.12-slim

WORKDIR /app

COPY . /app

RUN pip install --no-cache-dir -r requirements.txt

ENV FLASK_APP=app.py

EXPOSE 5000

ENV FLASK_ENV=production

CMD ["flask", "run", "--host=0.0.0.0", "--port=5000"]
```

Docker ps - to show the running container

Docker images -- to see the docker images

Docker build -t akashchandran/k8s-helloworld .

Docker run -dit -p 5000:5000 akashchandran/k8s-helloworld