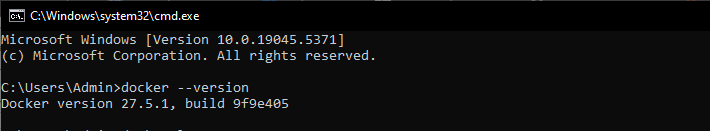
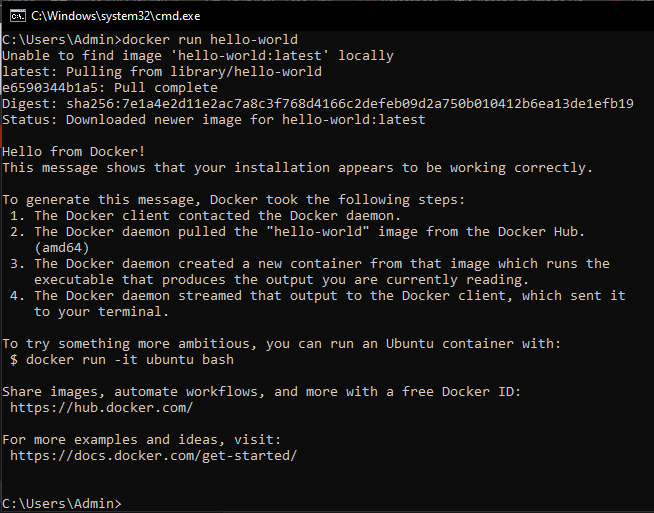
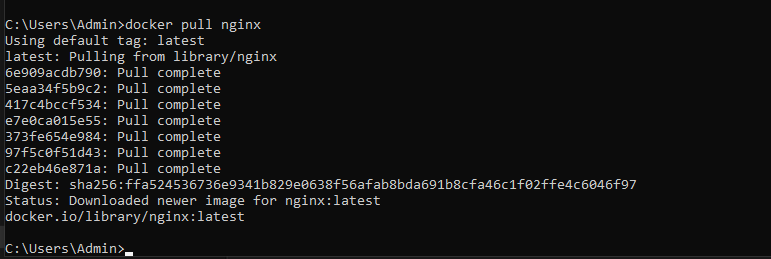
1. **Các lệnh cơ bản thao tác với Docker**
2. docker –version



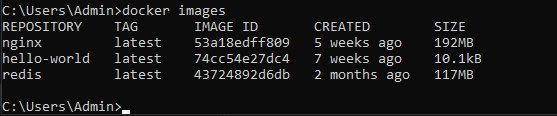
1. docker run hello-world



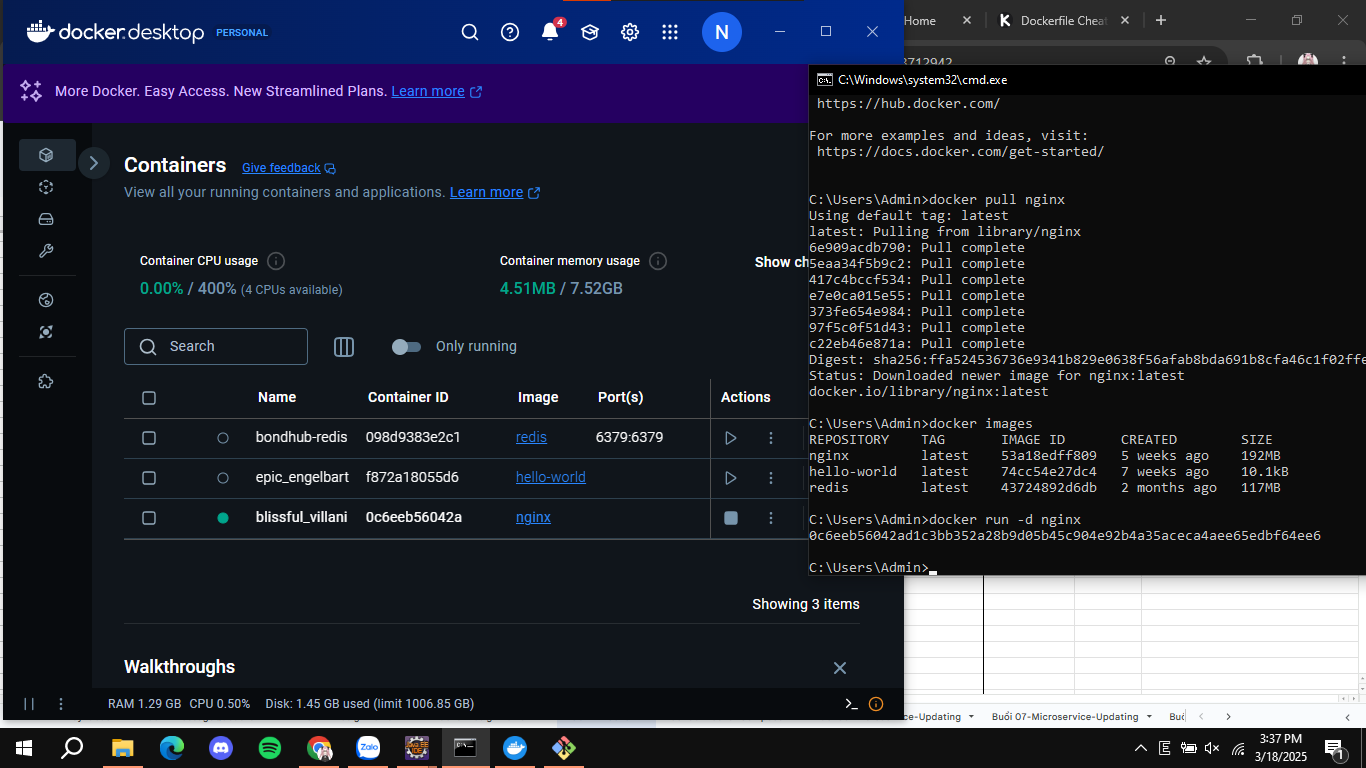
1. docker pull nginx



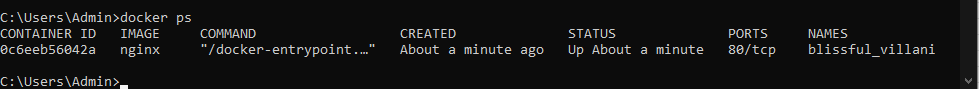
1. docker images



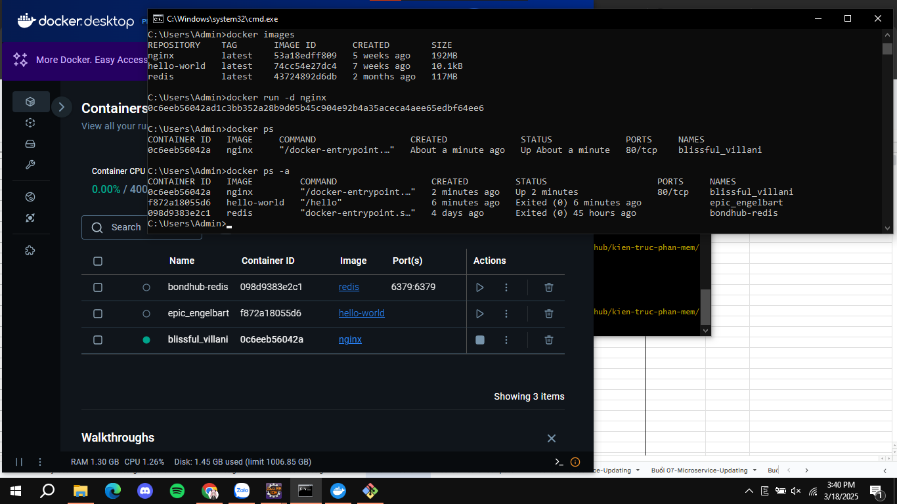
1. docker run -d nginx



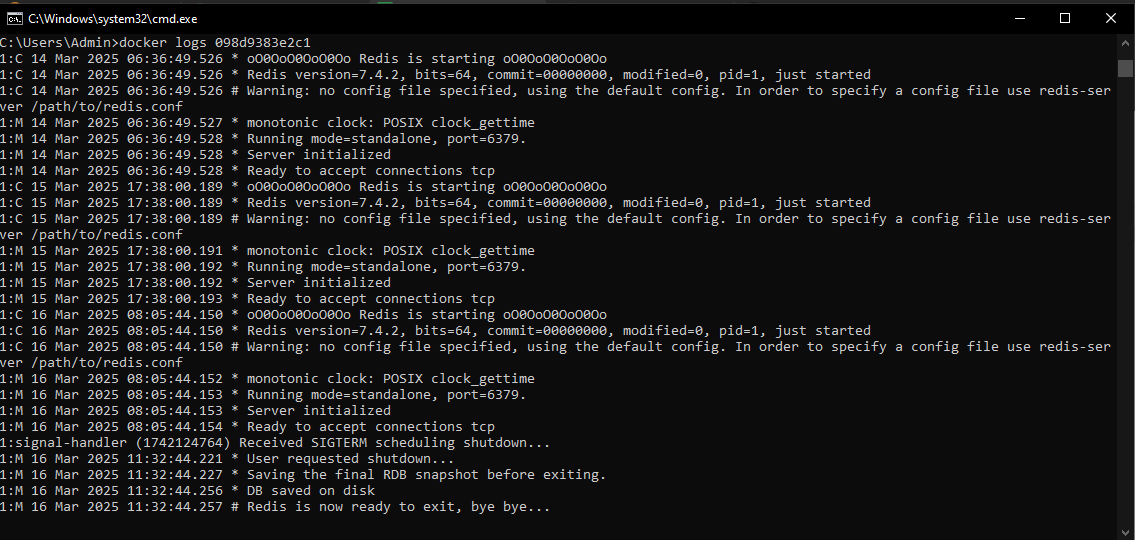
1. docker ps



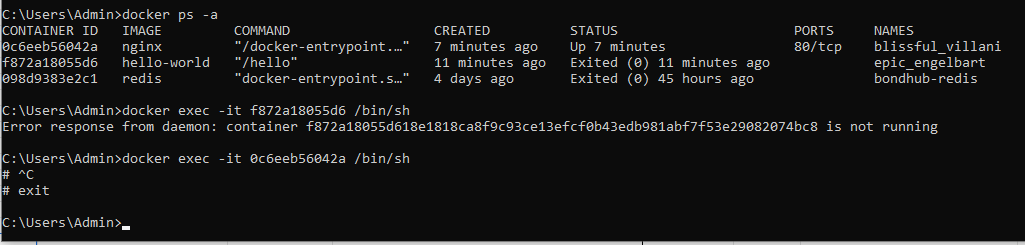
1. docker ps -a



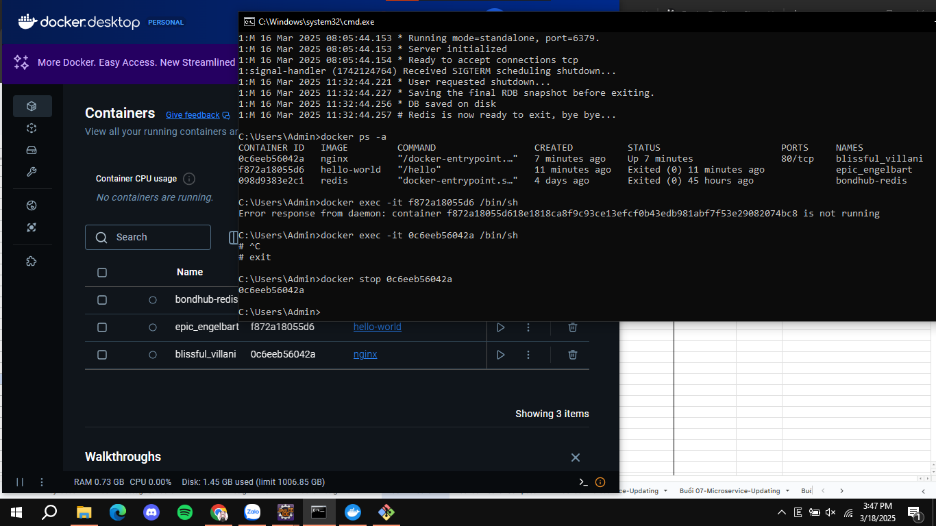
1. docker logs <container\_id>



1. docker exec -it <container\_id> /bin/sh



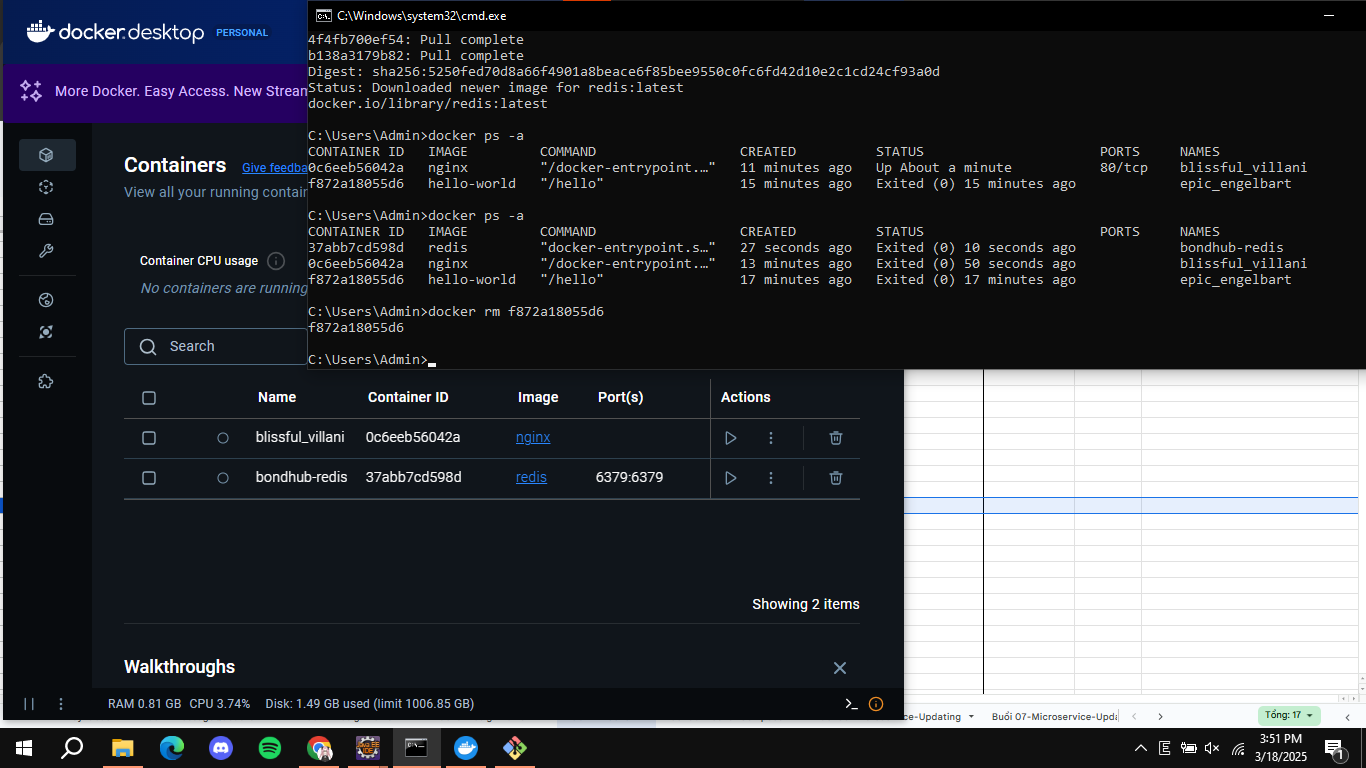
1. docker stop <container\_id>



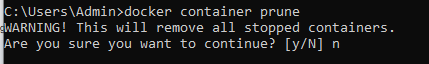
1. docker restart <container\_id>



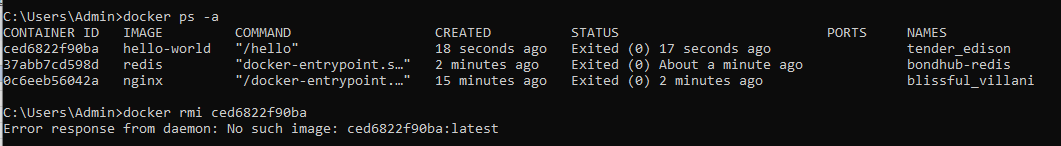
1. docker rm <container\_id>



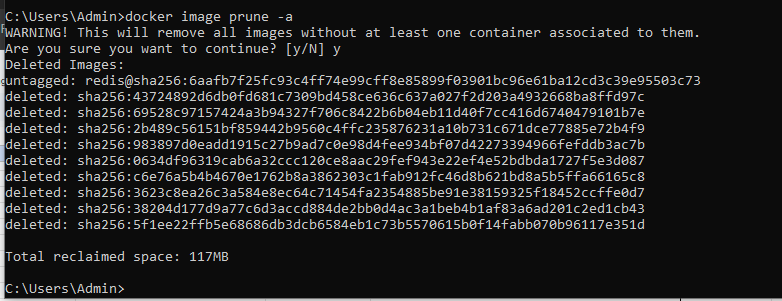
1. docker container prune



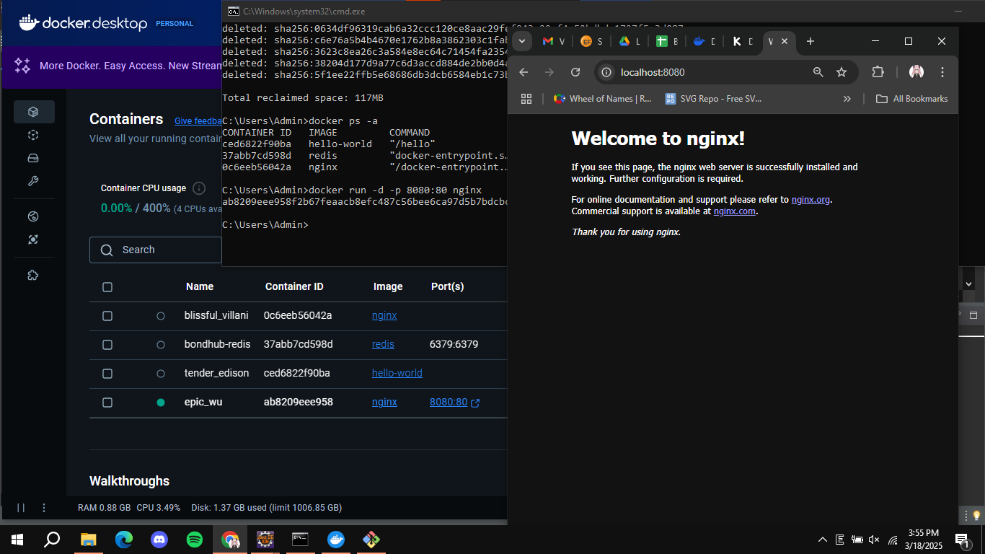
1. docker rmi <image\_id>



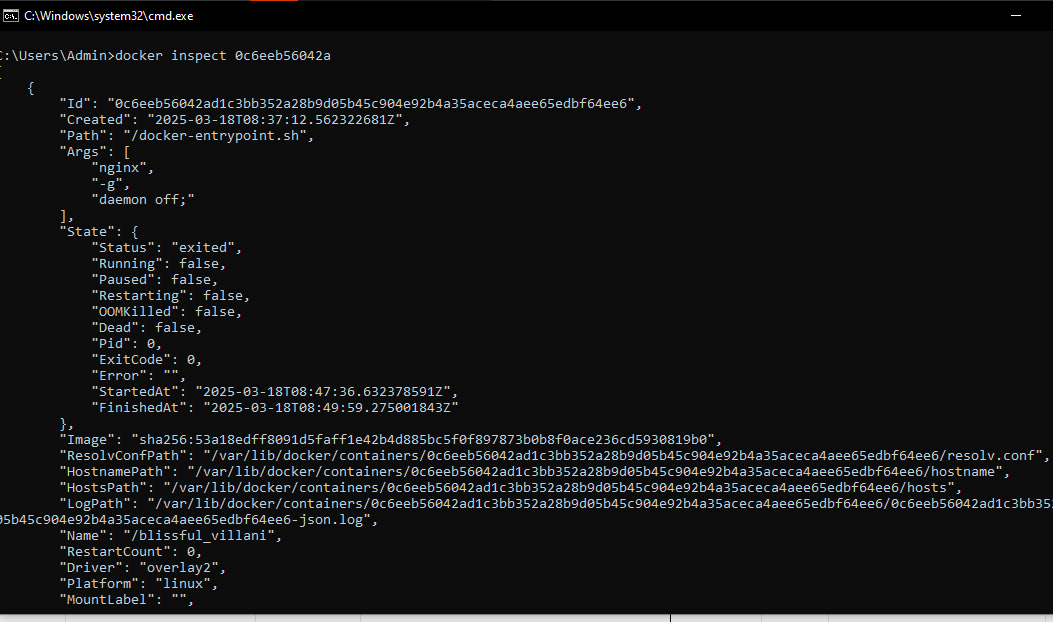
1. docker image prune -a



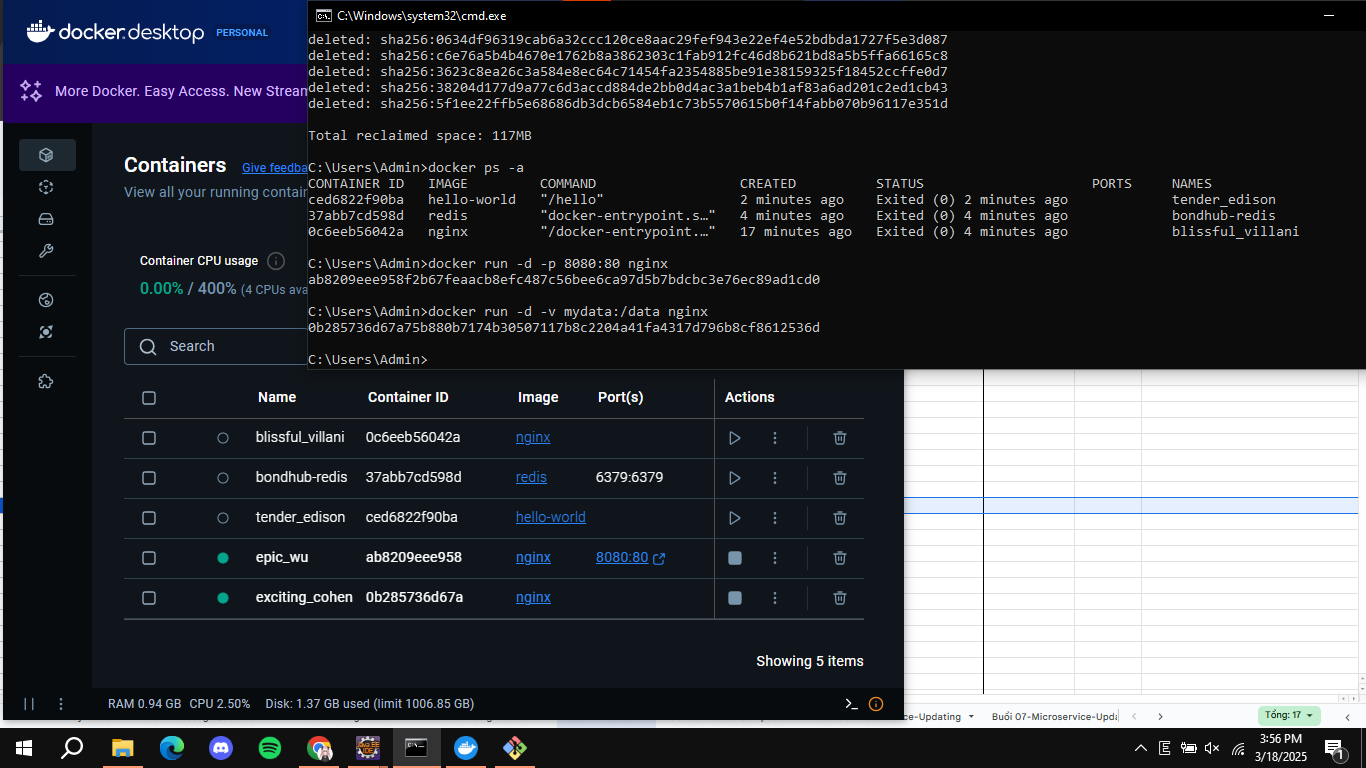
1. docker run -d -p 8080:80 nginx



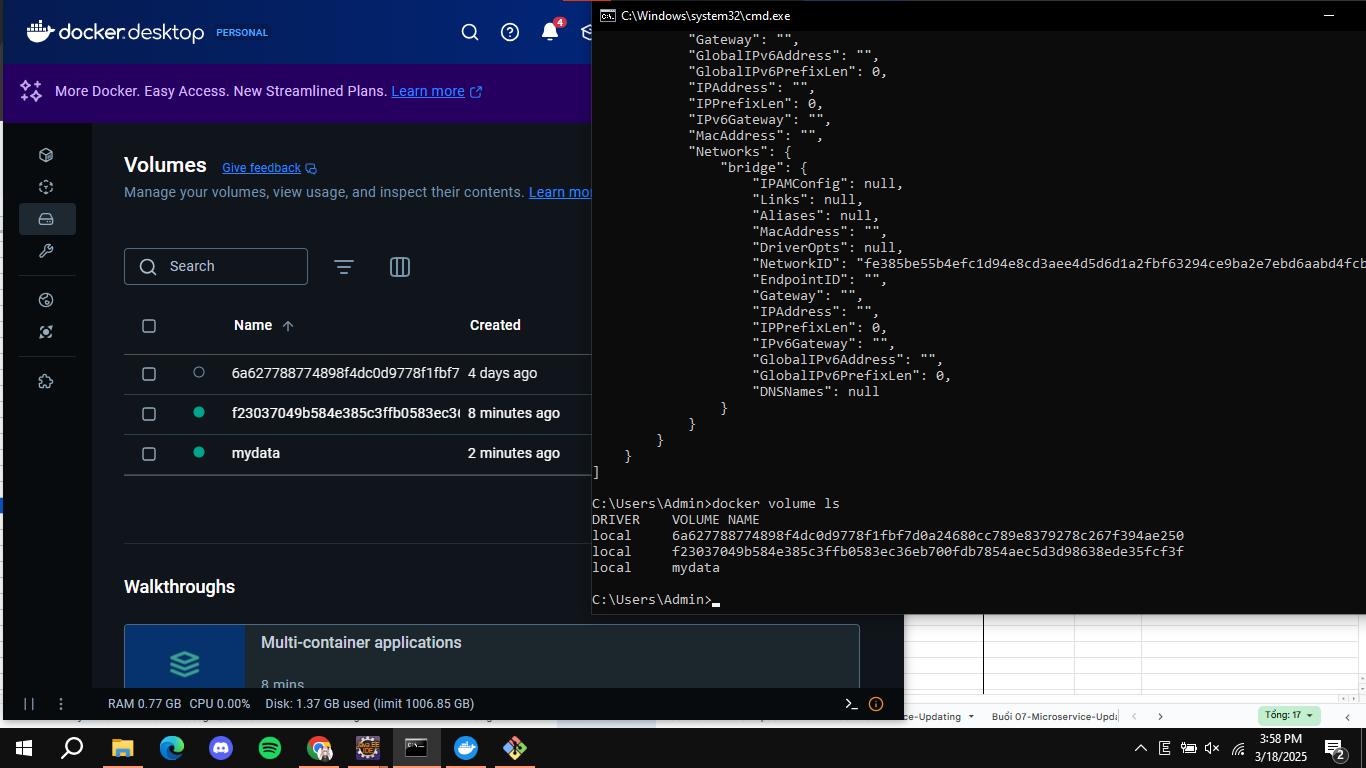
1. docker inspect <container\_id>



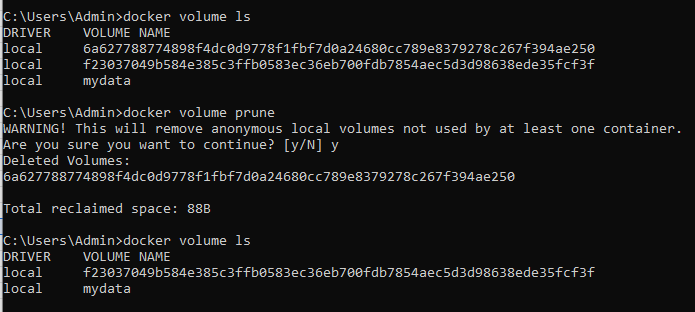
1. docker run -d -v mydata:/data nginx



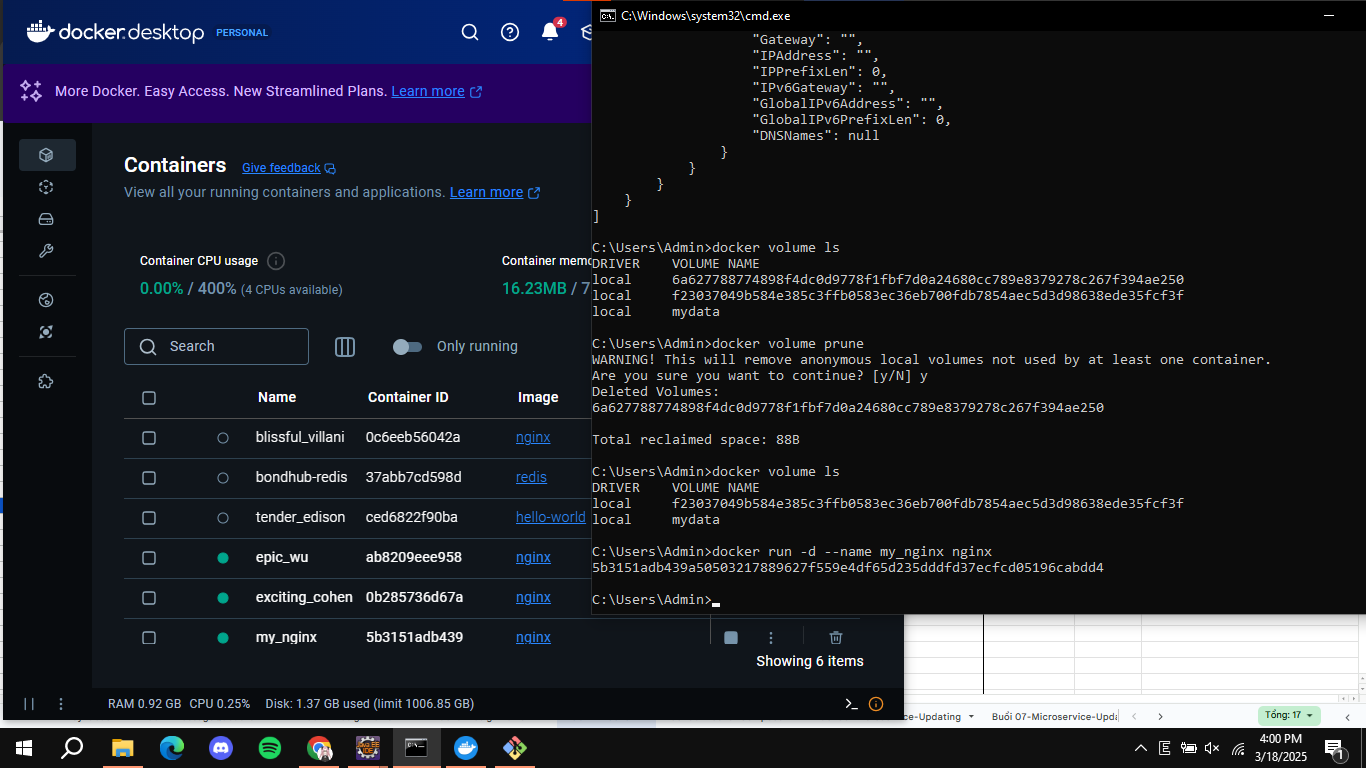
1. docker volume ls



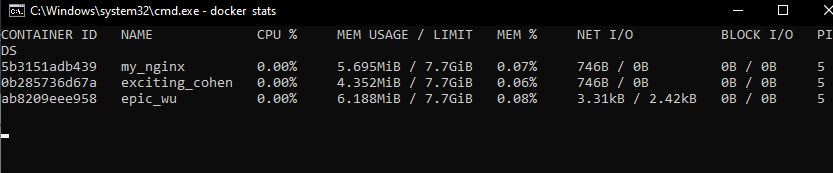
1. docker volume prune



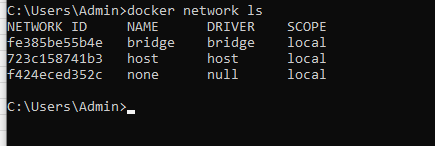
1. docker run -d --name my\_nginx nginx



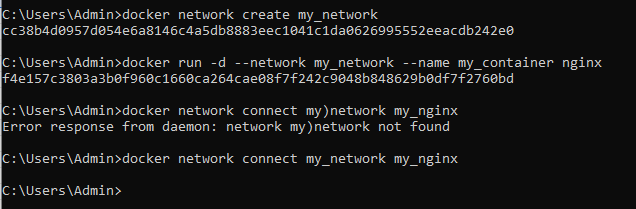
1. docker stats



1. docker network ls



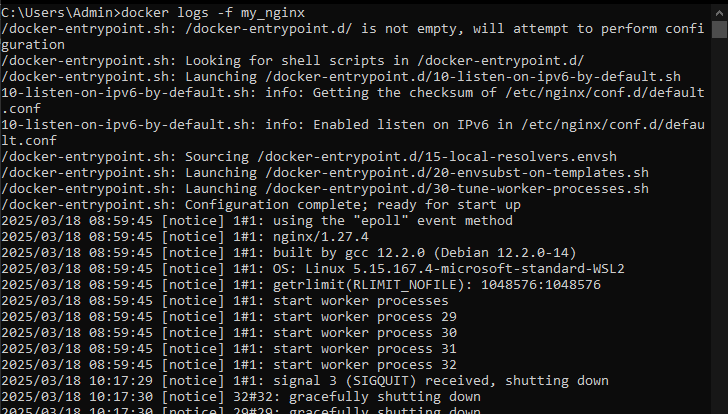
1. docker network create my\_network
2. docker run -d --network my\_network --name my\_container nginx
3. docker network connect my\_network my\_nginx



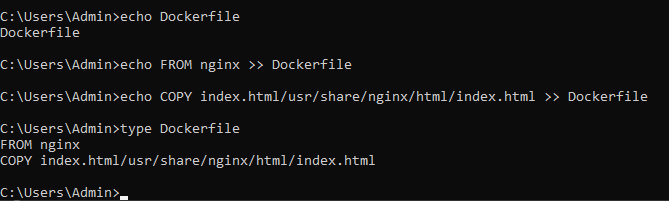
1. docker run -d -e MY\_ENV=hello\_world nginx



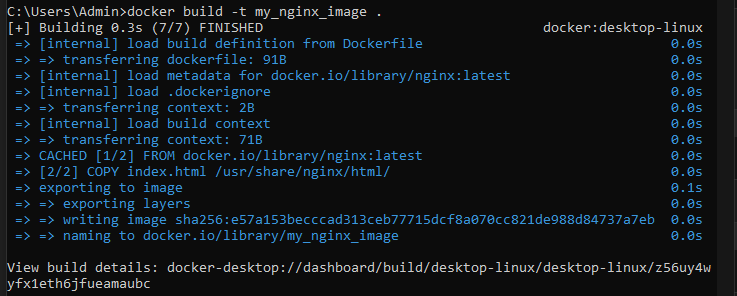
1. docker logs -f my\_nginx



1. FROM nginx   
   COPY index.html /usr/share/nginx/html/index.html



1. docker build -t my\_nginx\_image .



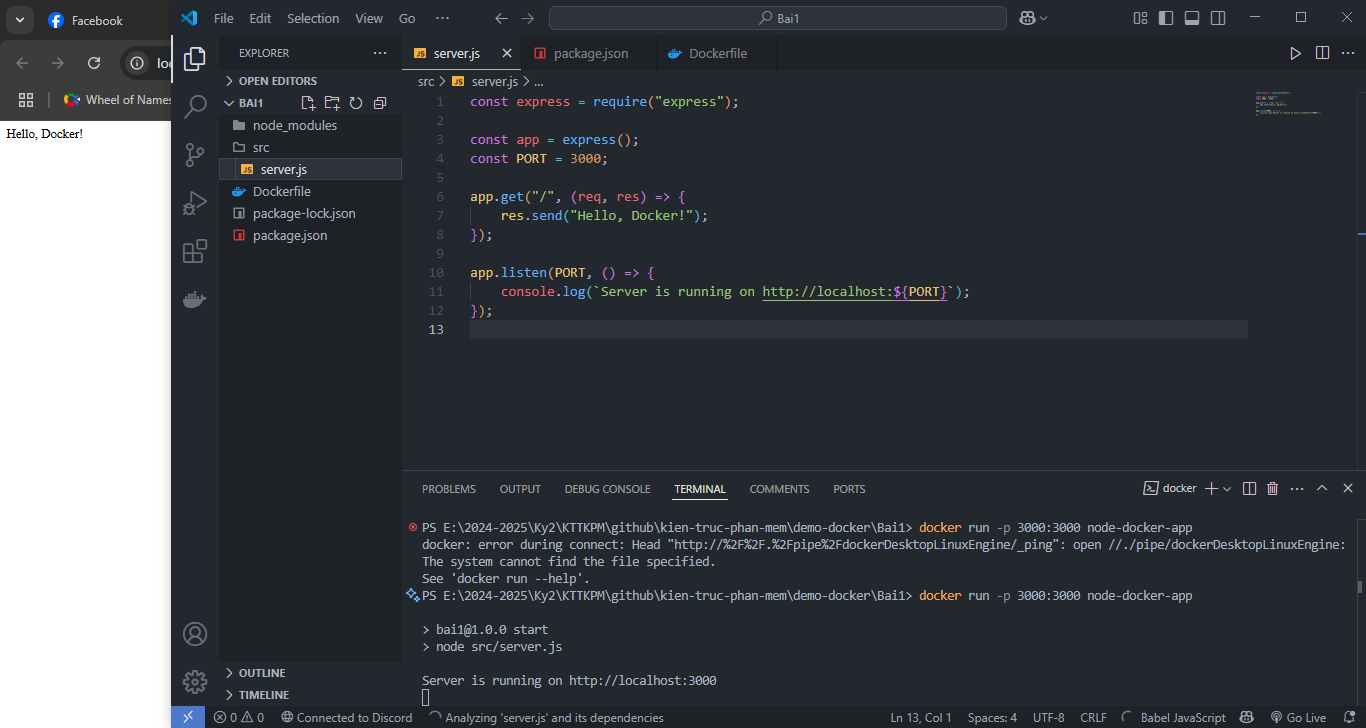
1. docker run -d -p 8080:80 my\_nginx\_image



1. **Thao tác với Dockerfile**
2. **Tạo Dockerfile chạy một ứng dụng Node.js đơn giản**

docker build -t node-docker-app .

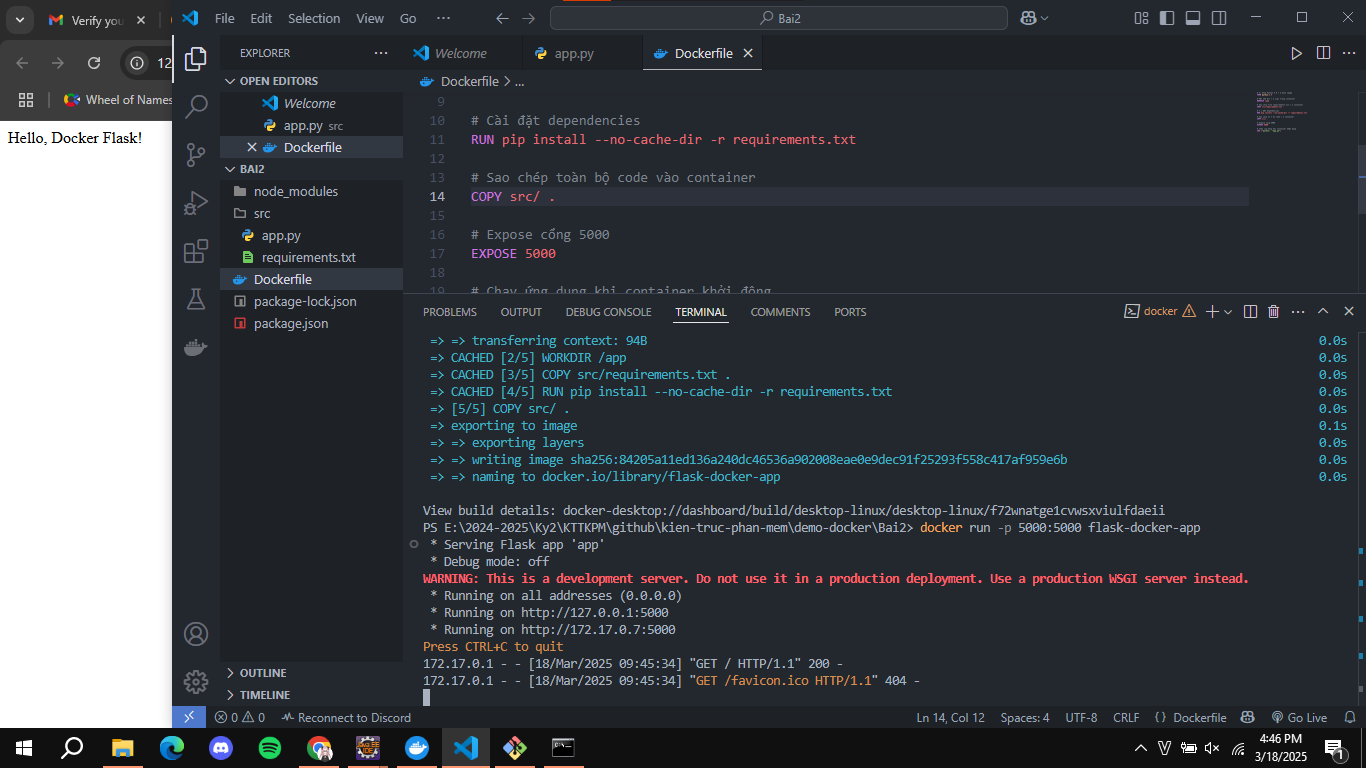
docker run -p 3000:3000 node-docker-app



1. **Tạo Dockerfile chạy một ứng dụng Python Flask**

docker build -t flask-docker-app .

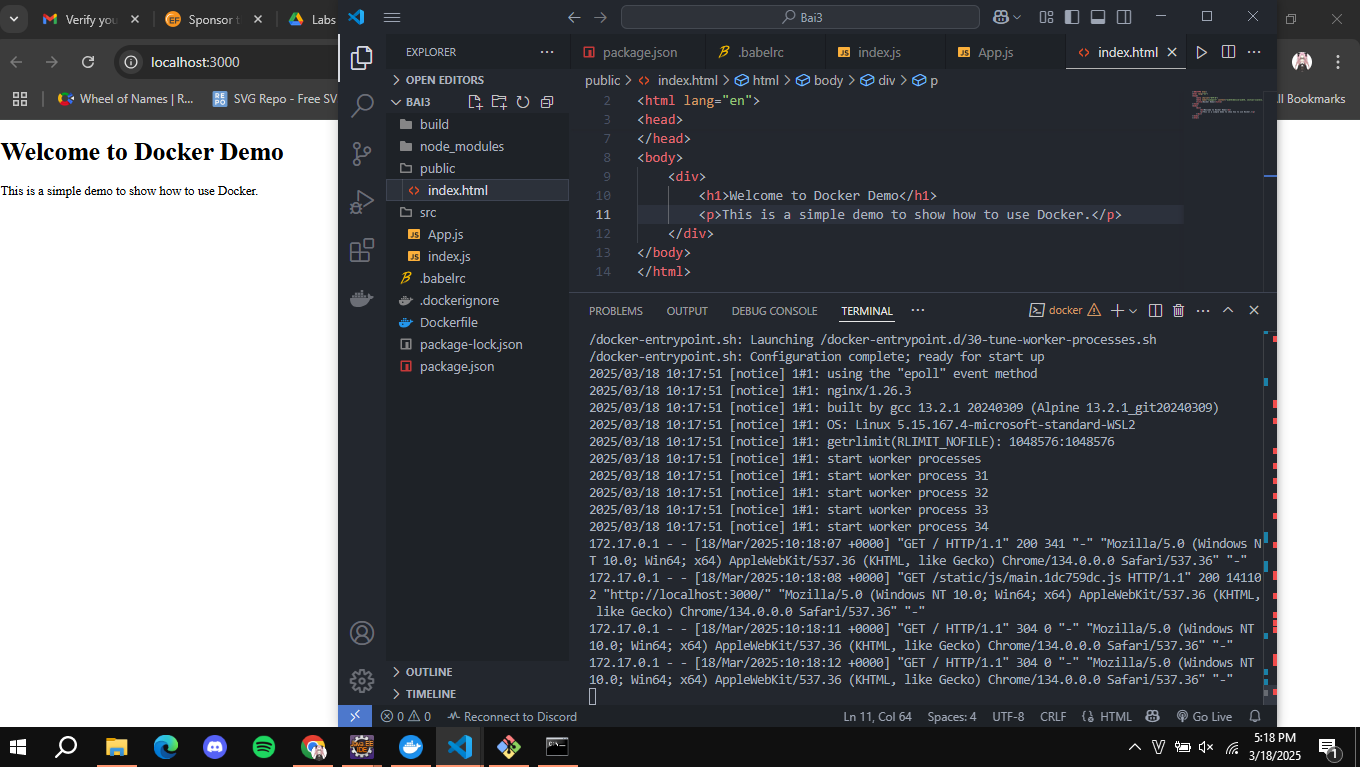
docker run -p 5000:5000 flask-docker-app



1. **Tạo Dockerfile chạy một ứng dụng React**

docker build -t react-docker-app .

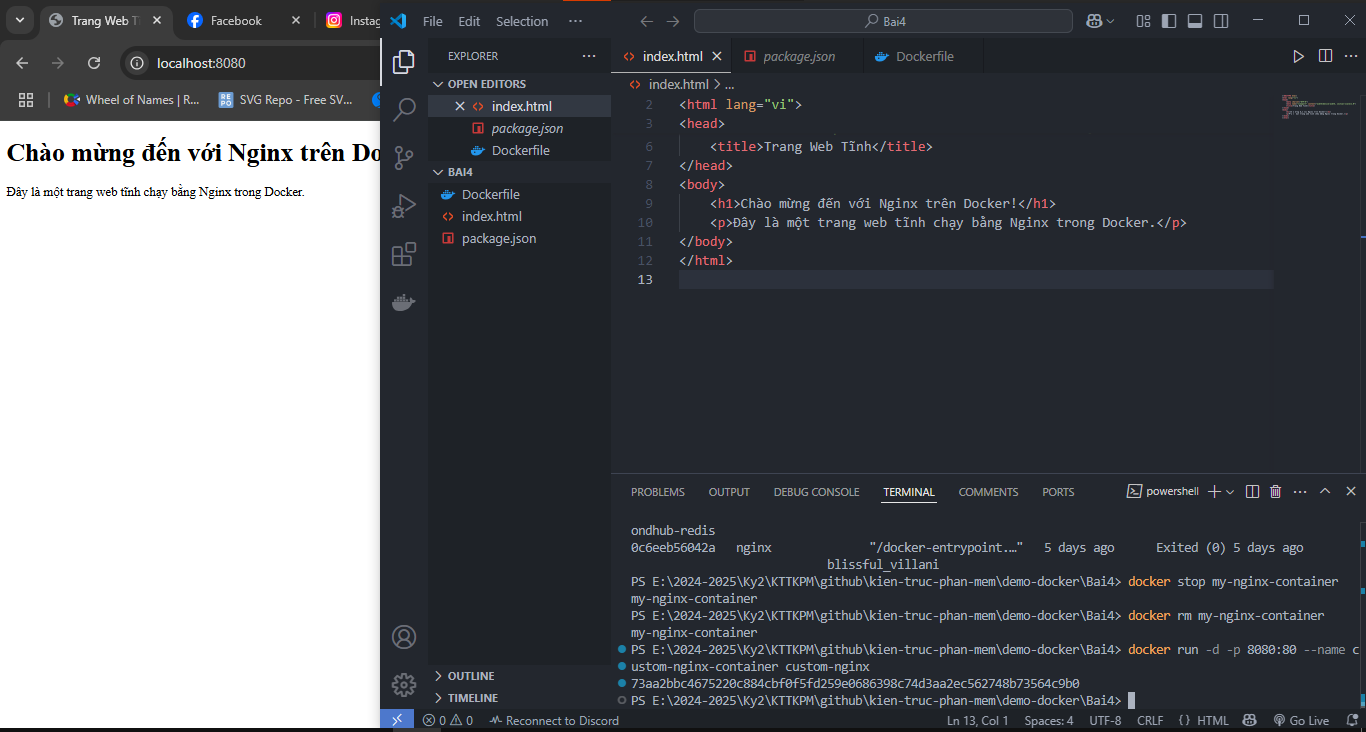
docker run -d -p 3000:3000 –name react-container react-docker-app



1. **Tạo Dockerfile chạy một trang web tĩnh bằng Nginx**

docker build -t custom-nginx

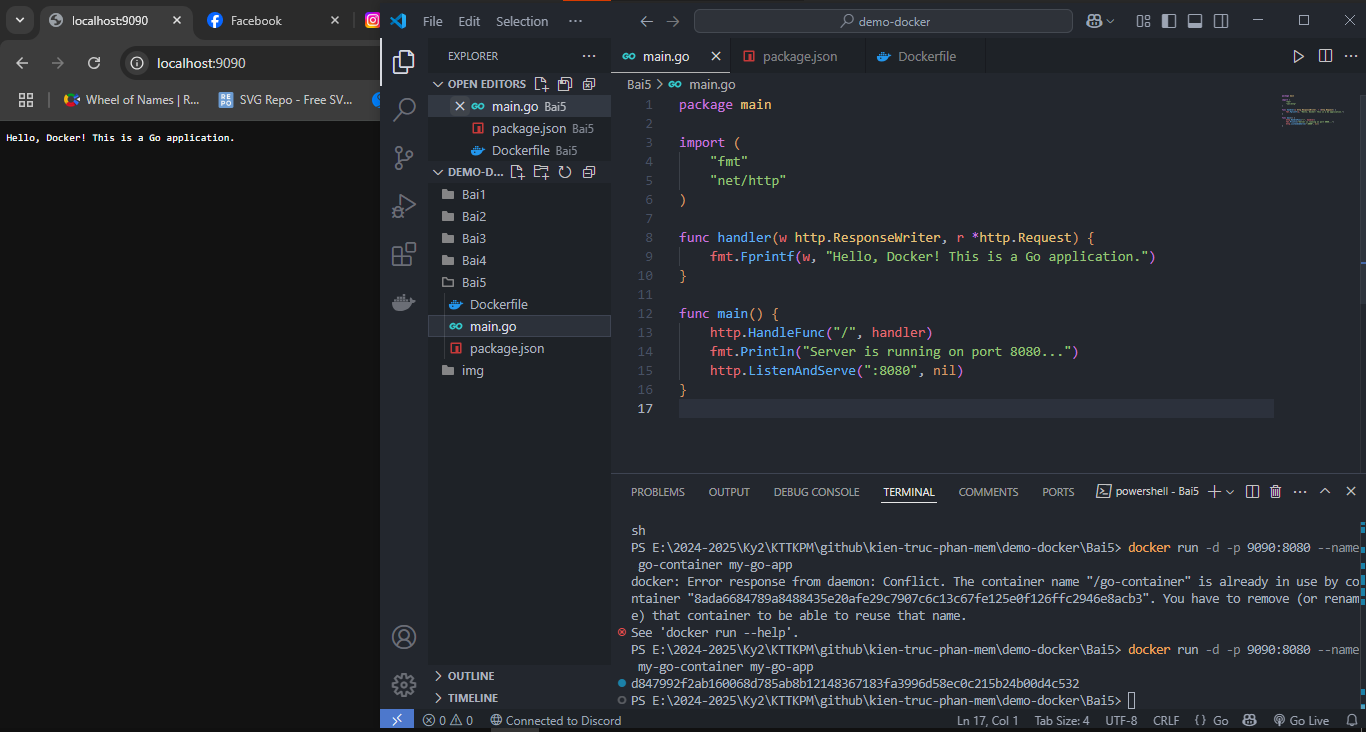
docker run -d -p 8000:80 –name custom-nginx-container custom-nginx



1. **Tạo Dockerfile cho ứng dụng Go**

docker build -t my-go-app .

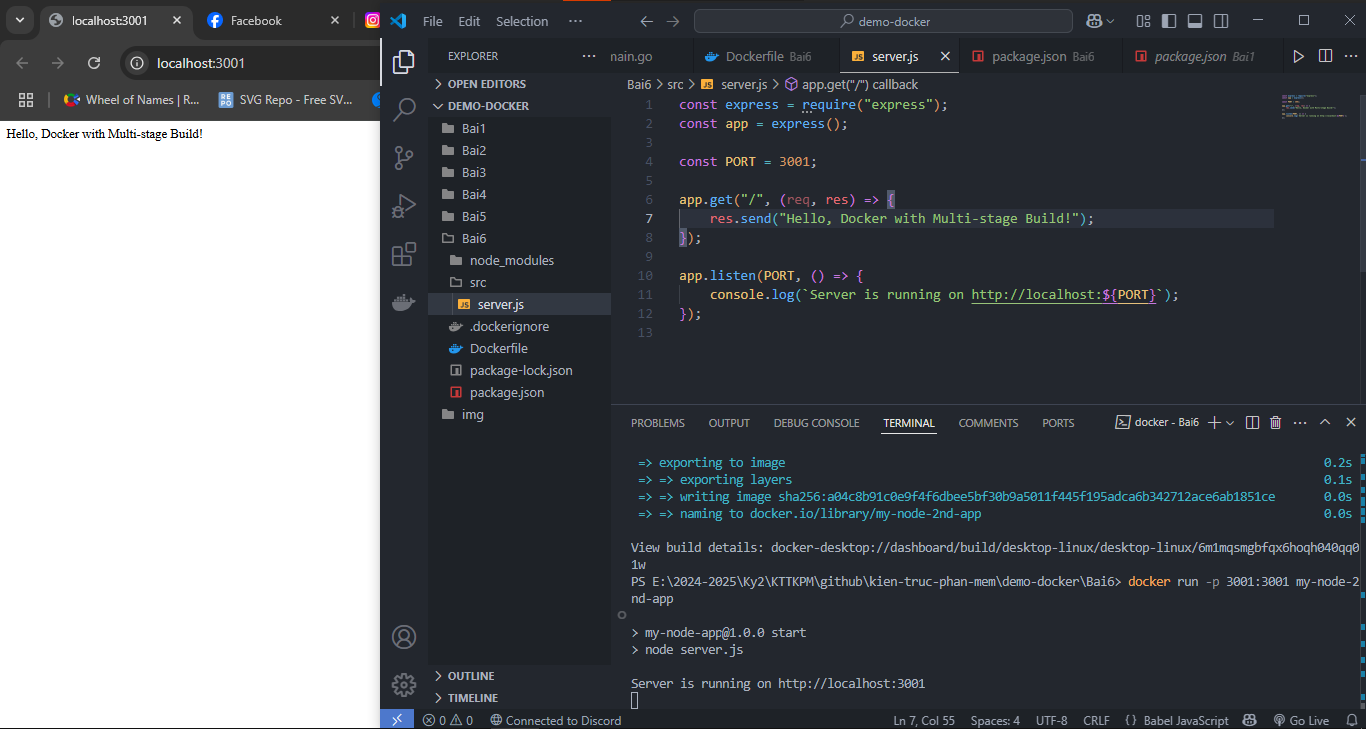
docker run -d -p 9090:8080 –name go-container my-go-app



1. **Sử dụng Multi-stage Build trong Dockerfile**

docker build -t my-node-2nd-app .

docker run -p 3001:3001 my-node-2nd-app

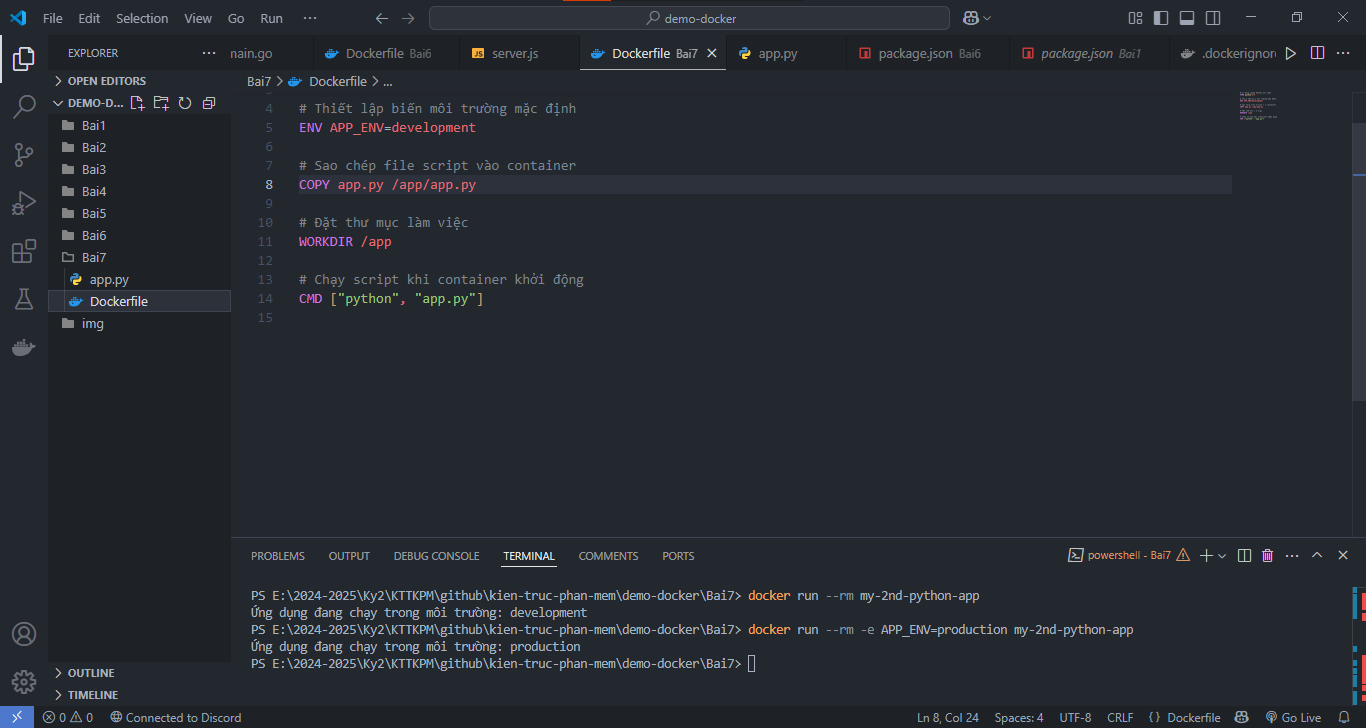


1. **Sử dụng biến môi trường trong Dockerfile**

docker build -t my-2nd-python-app .

docker run –rm my-2nd-python-app

docker run –rm -e APP\_ENV=production my-2nd-python-app



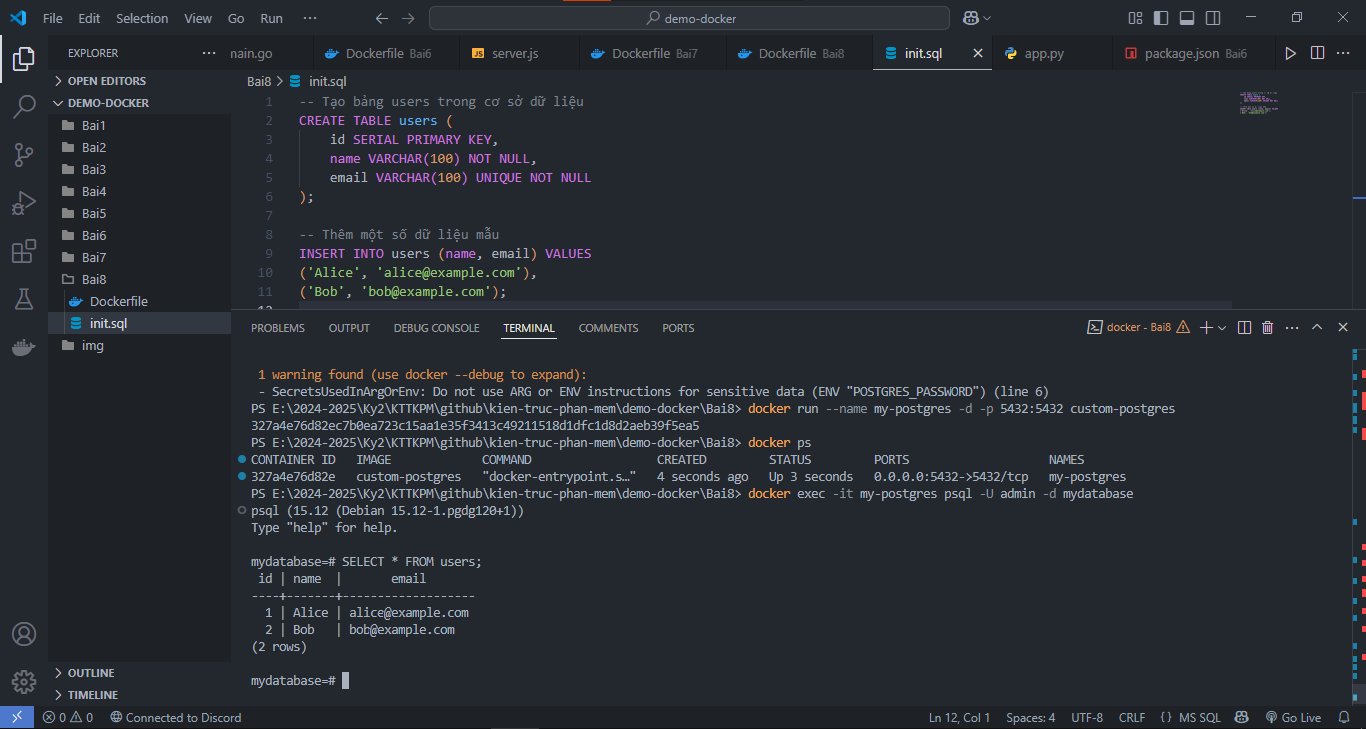
1. **Tạo Dockerfile cho PostgreSQL tùy chỉnh**

docker build -t custom-postgres .

docker run –name my-postgres -d -p 5432:5432 custom-postgres

docker exec -it my-postgres psql -Uadmin -d mydatabase

* SELECT \* FROM users;



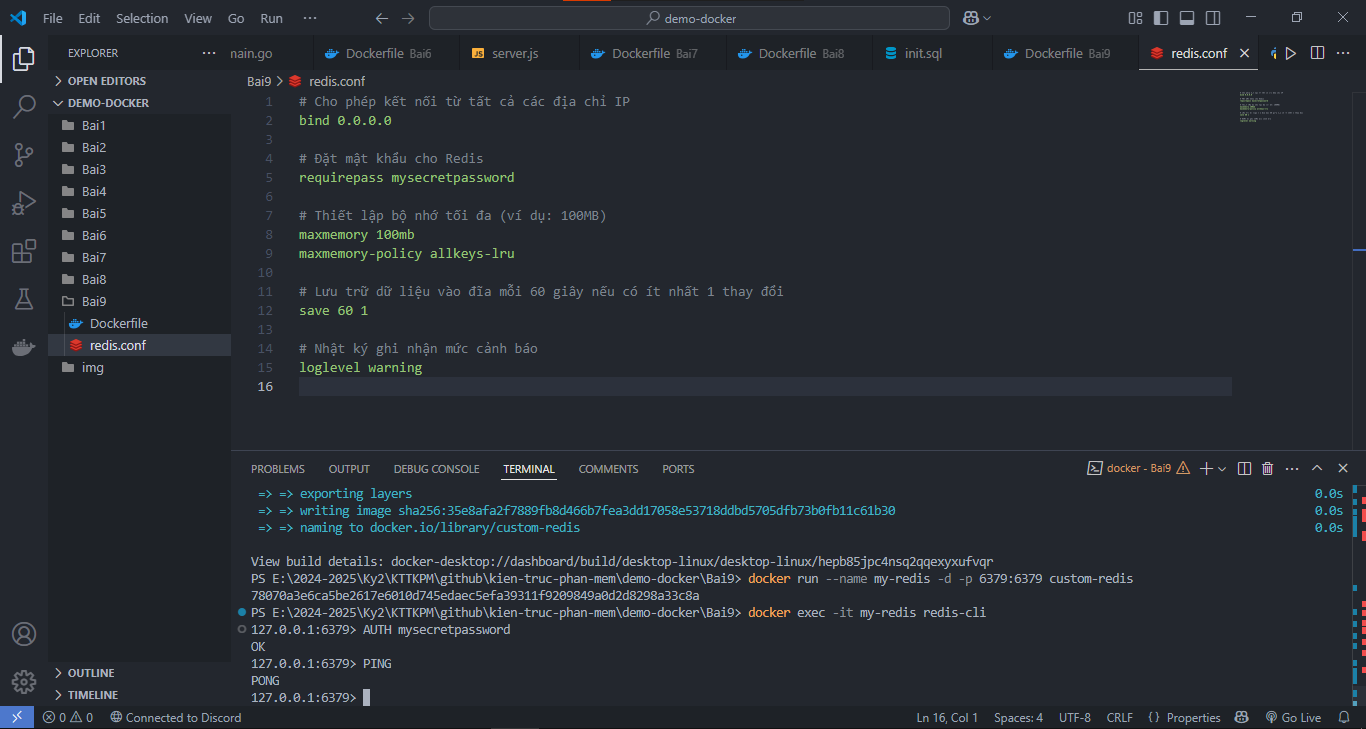
1. **Tạo Dockerfile chạy Redis với cấu hình tùy chỉnh**

docker build -t custom-redis .

docker run –name my-redis -d -p 6379:6379 custom-redis

docker exec -it my-redis redis-cli

* AUTH mysecretpassword
* PING



1. **Chạy ứng dụng PHP với Apache**

docker build -t php-apache-app .

docker run --name my-php-app -d -p 8081:80 -v "[đường dẫn tuyệt đối] /src:/var/www/html" php-apache-app

