**BÁO CÁO THỰC HÀNH**

**LAB 04:** Tìm hiểu về Docker

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# Phần 1: Các lệnh cơ bản thao tác với Docker

## docker --version

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## docker run hello-world

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## docker pull nginx

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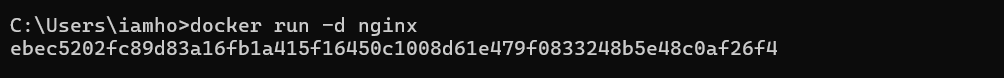
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## docker images

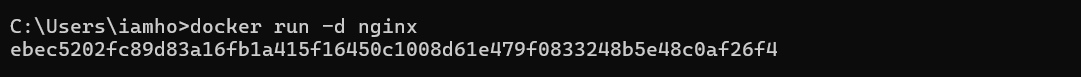
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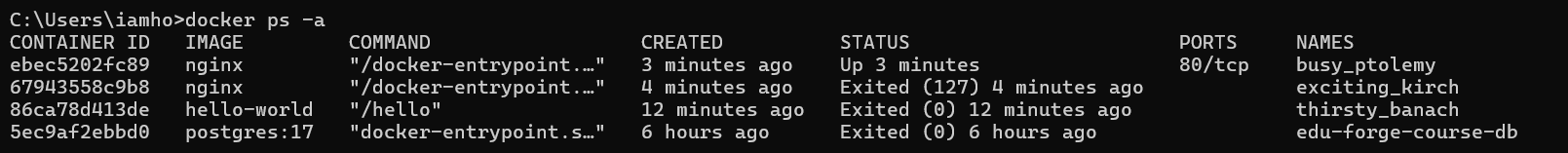
## docker run -d nginx



## docker ps



## docker ps -a



## docker logs <container\_id>

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

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## docker stop <container\_id>

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## docker restart <container\_id>

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## docker rm <container\_id>

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## docker container prune

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## docker rmi <image\_id>

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## docker image prune -a

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## docker run -d -p 8080:80 nginx

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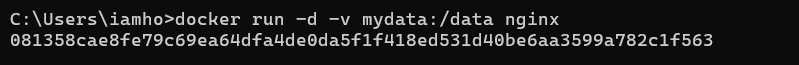
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## docker inspect <container\_id>



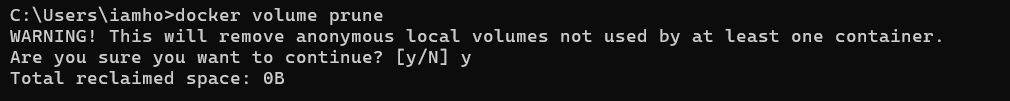
## docker run -d -v mydata:/data nginx



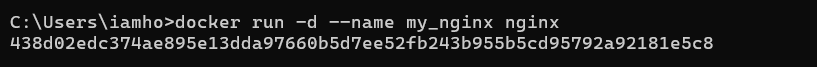
## docker volume ls

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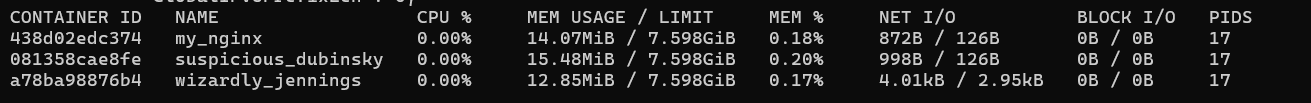
## docker volume prune



## docker run -d --name my\_nginx nginx



## docker stats



## docker network ls

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## docker network create my\_network



## docker run -d --network my\_network --name my\_container nginx

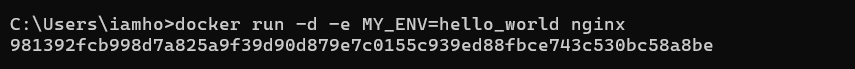


## docker network connect my\_network my\_nginx

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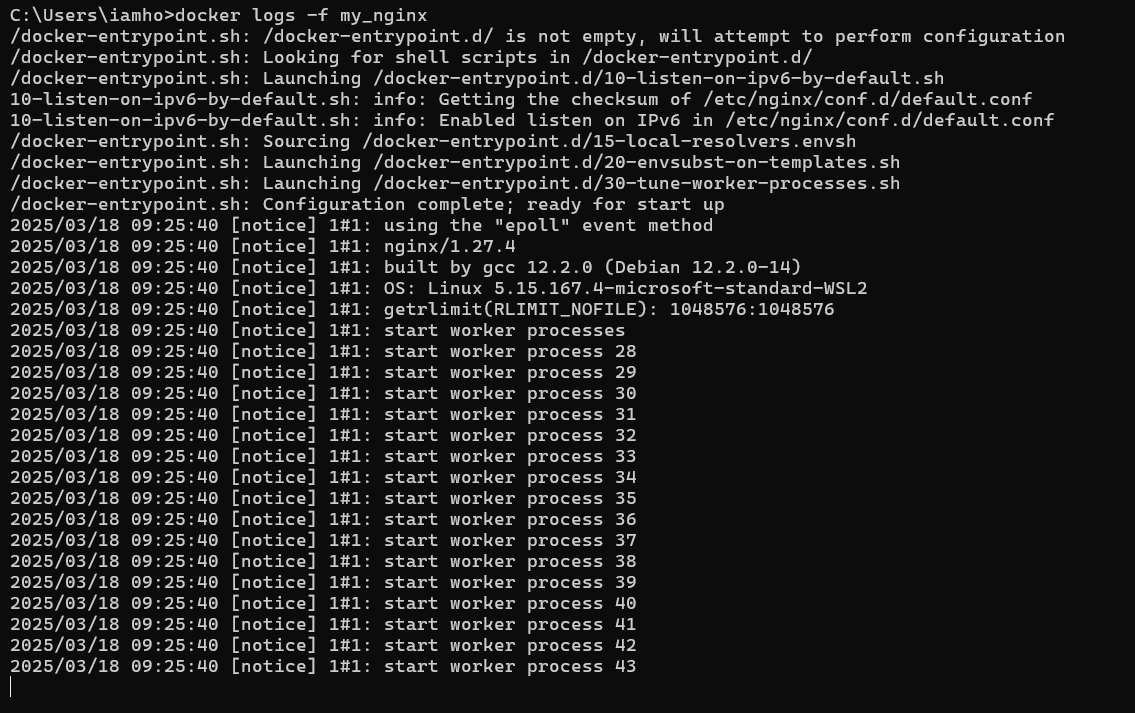
## docker run -d -e MY\_ENV=hello\_world nginx



Mô tả : Chạy một container từ image nginx và thiết lập biến môi trường MY\_ENV với giá trị hello\_world.

Kết quả : Biến môi trường có thể được sử dụng bên trong container.

## docker logs -f my\_nginx



## Tạo file với nội dung:

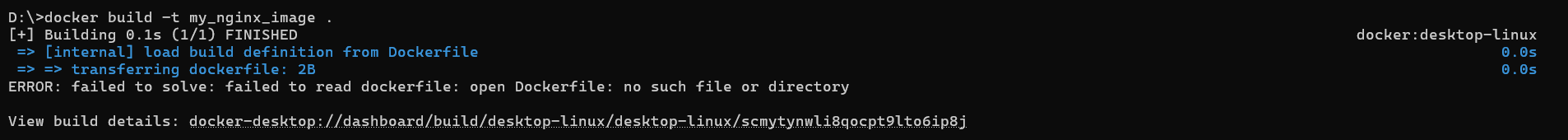
FROM nginx

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

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



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

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