**Assignment 1 :Pull and run an Image:**

# Pull the latest nginx image from Docker Hub

docker pull nginx:latest

# Run the nginx image in a container named my-nginx in detached mode, binding host's port 8080 to container's port 80

docker run -d -p 8080:80 --name my-nginx nginx:latest

**Assignment 2 : Interact with a running Container:**

# Exec into the running my-nginx container and list the contents of the /usr/share/nginx/html directory

docker exec -it my-nginx ls /usr/share/nginx/html

**Assignment 3 : Manage Container State:**

# Stop the running my-nginx container

docker stop my-nginx

# Remove the my-nginx container

docker rm my-nginx

Regenerate response