AWS EC2 + Docker Deployment Commands (Step-by-Step)

1. Connect to EC2 Instance

ssh -i your-key.pem ubuntu@

2. Install Required Software

sudo apt update

sudo apt install docker.io -y

sudo apt install git -y

sudo apt install nano -y

3. Clone Your GitHub Repo

git clone

cd

ls

4. Create Dockerfile

nano Dockerfile

Contents of Dockerfile:

FROM nginx:alpine

COPY . /usr/share/nginx/html

5. Build Docker Image

sudo docker build -t mywebapp .

6. Run Docker Container

sudo docker run -d -p 80:80 mywebapp

7. Check Running Containers

sudo docker ps

8. Stop and Remove Containers

sudo docker stop

sudo docker rm

9. Remove Docker Image

sudo docker images

sudo docker rmi

10. Rebuild and Re-run Updated Docker Image

sudo docker build -t mywebapp .

sudo docker run -d -p 80:80 mywebapp

11. Terminate EC2 Instance

(Do from AWS Console: Instances → Select → Instance state → Terminate)