**Docker Commands To Deploy Website**

1 sudo apt update -y

2 sudo apt update && sudo apt upgrade -y

3 sudo apt install ca-certificates curl gnupg lsb-release

4 sudo mkdir -p /etc/apt/keyrings

5 curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg

6 echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu $(lsb\_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

7 sudo apt update

8 sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

9 docker -v

10 systemctl status docker --no-pager -l

11 sudo usermod -aG docker $USER

12 id $USER

13 mkdir project

14 ls

15 cd project/

16 vim Dockerfile

Add it to the docker file

FROM nginx:alpine

COPY . /usr/share/nginx/html

17 sudo docker build -t my-static-website .

18 docker run -d -p 80:80 my-static-website

19 ls

20 cd project/

21 docker ps

22 docker exec -it container\_id\_or\_name /bin/sh

23 cd /usr/share/nginx/html

24 vi index.html

**This is just the message to show on NGNIX server**

25 <html>

<body>

<h1>Hello, World!</h1>

</body>

</html>

**26 This command is used to upload the website file form local machine to aws ubuntu directory**

scp -i /c/Users/Ali\ Nawaz/Desktop/Docker-Container-Website.pem -r /c/Users/Ali\ Nawaz/Desktop/website [ubuntu@43.205.178.198:/home/ubuntu/project](mailto:ubuntu@43.205.178.198:/home/ubuntu/project)

**Same**

scp -i /c/Users/Ali\ Nawaz/Desktop/Docker-Container-Website.pem -r /c/Users/Ali\ Nawaz/Desktop/website ubuntu@43.205.178.198:/home/ubuntu/project

**27 You are wrong i wnated to deploy my whole folder of html websit on the NGNIX server that is already deployed inside docker container(That’s the final query)**

**Command of upper query**

docker run -d -p 80:80 -v /path/to/your/website:/usr/share/nginx/html --name my-nginx-container nginx