1. **Install docker**sudo apt update && upgrade  
   sudo curl -fsSL https://get.docker.com -o get-docker.sh  
   sudo sh ./get-docker.sh DRY\_RUN=1 -o-
2. **Check Docker version**docker –version
3. **Run Docker Commands without sudo( for username=admin)**sudo usermod -a -G docker admin  
   exit (Reconnect or check in new session)
4. **Docker Commands**
   1. docker pull nginx:1.23.3 =Pulls/Download docker container image from docker.hub registory, nginx is image name whare 1.23.3 is version also known as tag, if tag is not specified e.g docker pull nginx it will download latest one.
   2. docker images =list available/downloaded images
   3. docker run nginx:1.23.3 =Create new docker container of nginx version 1.23.2 using image, if image not available then it will download and then create.
   4. docker run -d nginx = Starts container in de Attached mode(run in background)
   5. docker ps = List Running containers
   6. docker ps -a =List all containers
   7. docker logs container-name/ID =shows logs
   8. docker run nginx:1.23.3 -d –name nginx-web =create a container with the name “nginx-web” if name isn’t specified then docker assigned random name to each container.
   9. Docker stop container-name/ID =to stop docker container.
   10. docker run -d -p host-port:container-port image:tag =create a container and bind local host’s port to docker container inside port.  
       e.g. docker run -d -p 9000:80 nginx:1.23.3
   11. docker start container-name/id =starts a stop container.