## **DOCKER ASSIGNMENT**

PS C:\Users\prati\OneDrive\Desktop\Project Python> docker node

Usage: docker node COMMAND

Manage Swarm nodes

Commands:

demote Demote one or more nodes from manager in the swarm inspect Display detailed information on one or more nodes

ls List nodes in the swarm

promote Promote one or more nodes to manager in the swarm

ps List tasks running on one or more nodes, defaults to current node

rm Remove one or more nodes from the swarm

update Update a node

Mail docker hode communio herp for more informacion on a communia.

PS C:\Users\prati\OneDrive\Desktop\Project Python> docker network

Usage: docker network COMMAND

Manage networks

Commands:

connect Connect a container to a network

create Create a network

disconnect Disconnect a container from a network

inspect Display detailed information on one or more networks

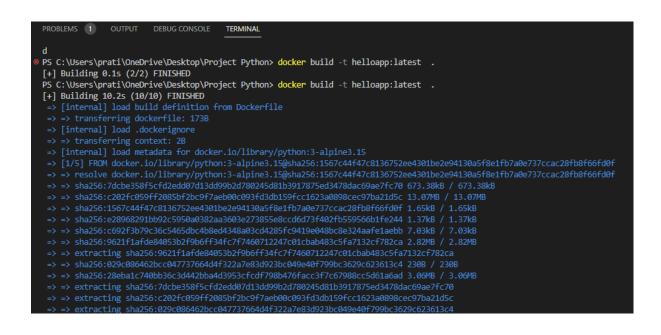
ls List networks

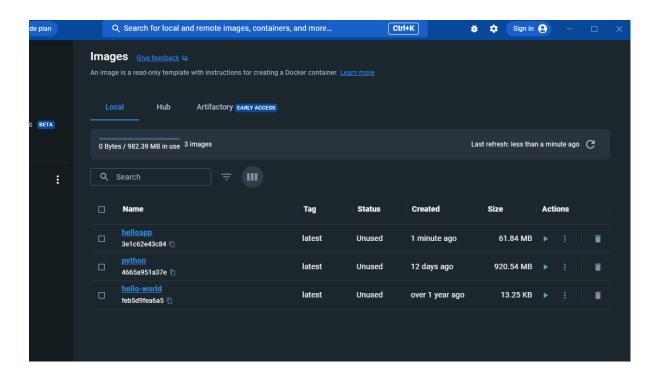
prune Remove all unused networks rm Remove one or more networks

Run 'docker network COMMAND --help' for more information on a command.

PS C:\Users\prati\OneDrive\Desktop\Project Python>

```
PS C:\Users\prati\OneDrive\Desktop\Project Python> docker swarm
 Usage: docker swarm COMMAND
 Manage Swarm
 Commands:
               Display and rotate the root CA
   са
   init
               Initialize a swarm
   join
               Join a swarm as a node and/or manager
   join-token Manage join tokens
               Leave the swarm
   leave
   unlock
               Unlock swarm
   unlock-key Manage the unlock key
   update
               Update the swarm
```





```
first.py 1
             FROM python:3-alpine3.15
      WORKDIR /app
     COPY . /app
      RUN pip install -r requirements.txt
    EXPOSE 3000
  6 CMD python ./first.py
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\prati\OneDrive\Desktop\Project Python> docker images
REPOSITORY TAG IMAGE ID CREATED SIZE helloapp latest 3e1c62e43c84 3 minutes ago 61.8MB
python latest 4665a951a37e 12 days ago 921MB hello-world latest feb5d9fea6a5 19 months ago 13.3kB
PS C:\Users\prati\OneDrive\Desktop\Project Python>
PS C:\Users\prati\OneDrive\Desktop\Project Python> docker container run -d -p 3000:3000 helloapp:latest
5d742e0bddc04a393bc7aacf1f3adfcc62e99e15960321749a6b832d11ab561c
PS C:\Users\prati\OneDrive\Desktop\Project Python>
PS C:\Users\prati\OneDrive\Desktop\Project Python> docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS
                                                               NAMES
PS C:\Users\prati\OneDrive\Desktop\Project Python>
```