D Y PATIL
INTERNATIONAL
UNIVERSITY
AKURDI PUNE

School of Computer Science Engineering and Application

BCA TY SEM VI

Subject Name: Container and Orchestration Practical

Assignment No. 7

Aim: Start Docker Swarm Services, Create A Service, Also Show the Working of Manager and Worker Node.

Submitted By:

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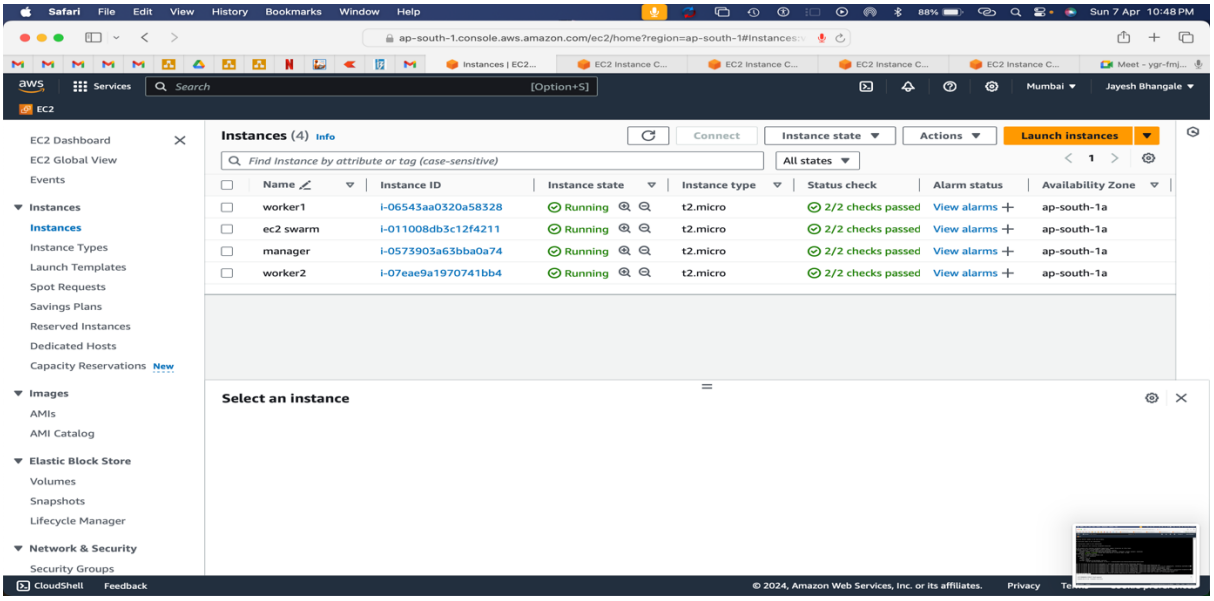
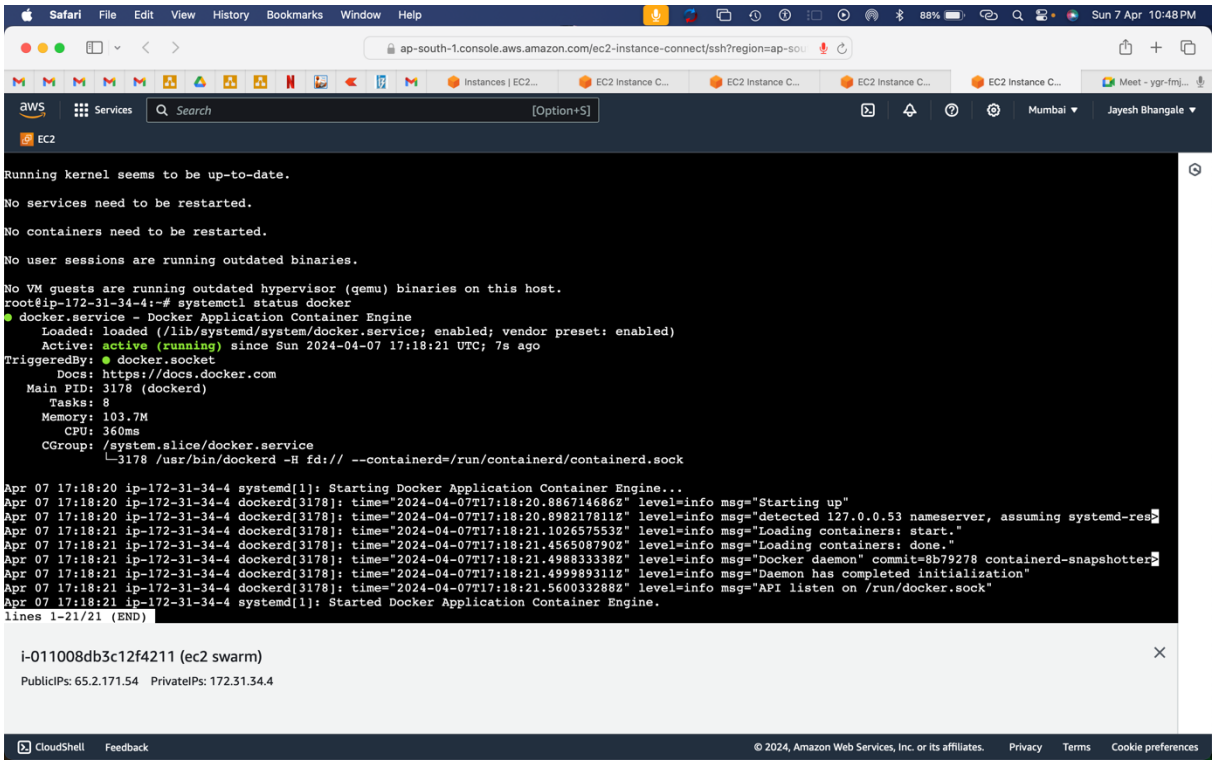
Date: 8th April, 2024

Aim: Start Docker Swarm Services, Create A Service, Also Show the Working of Manager and Worker Node.

Technology Used: AWS

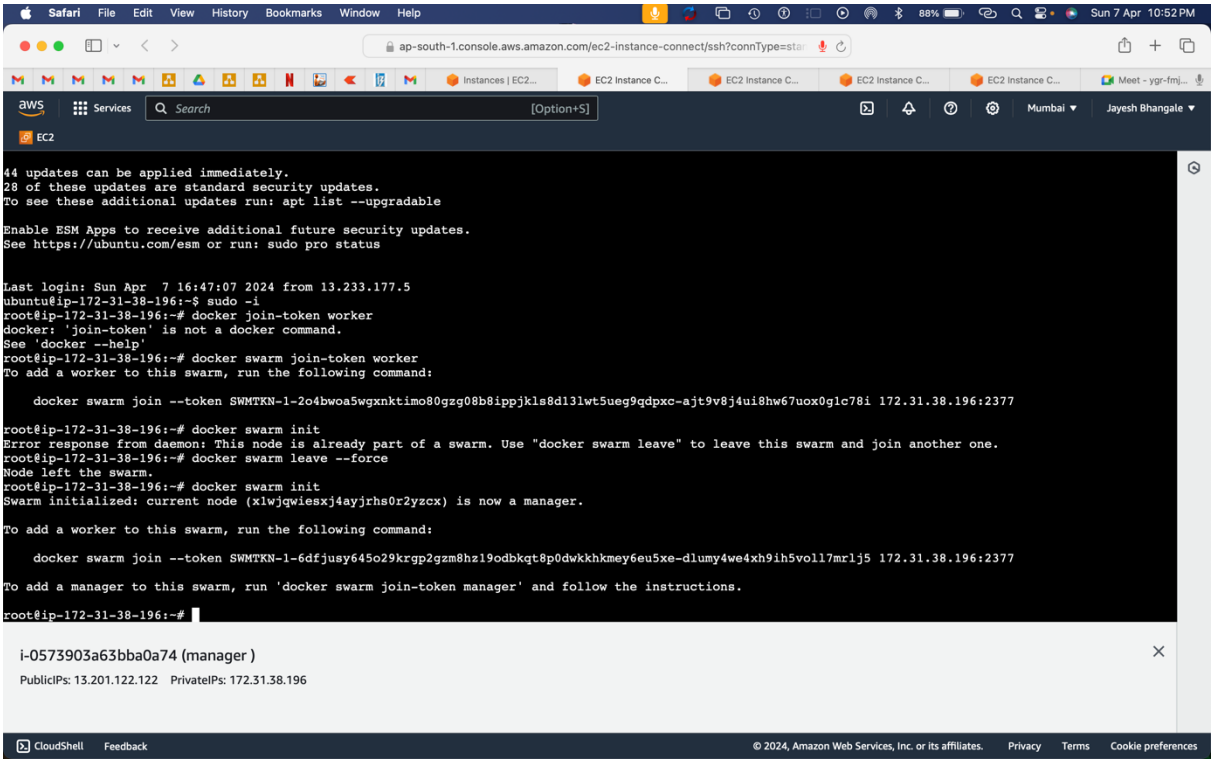
Step 1: Create An Instance and Install Docker Check If It Is Running.





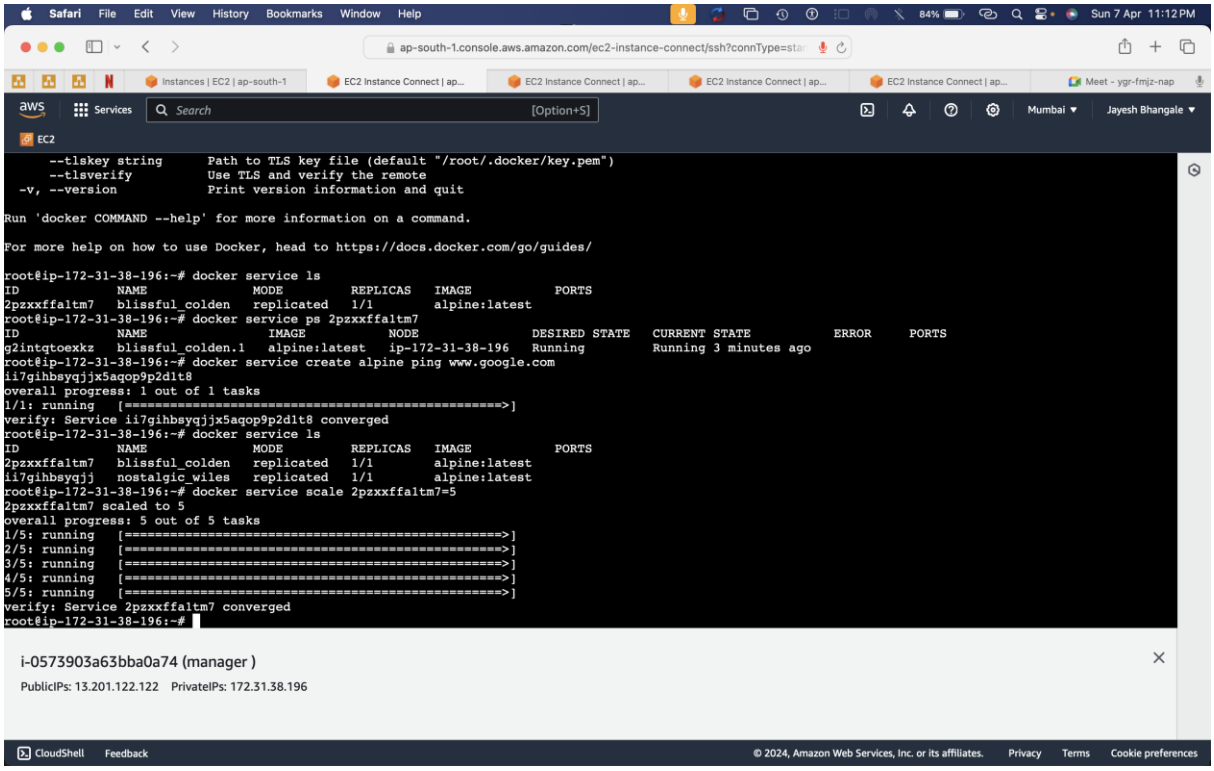
Step 2: Activate The Docker Swarm

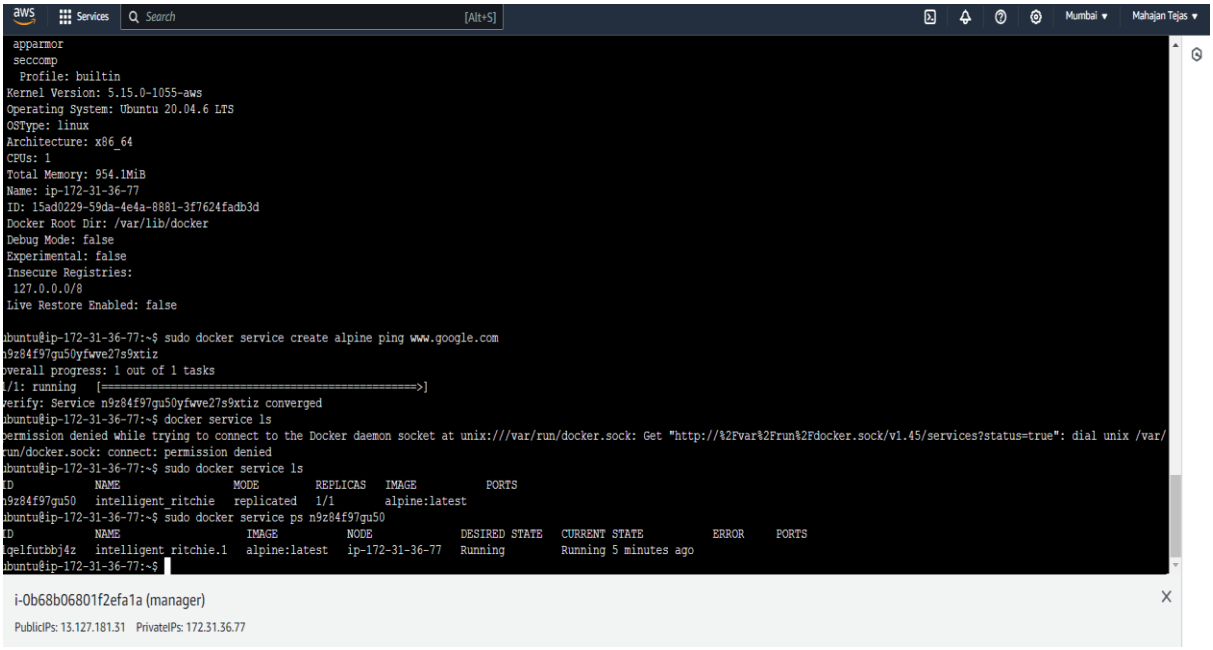
docker swarm init



Step 3: Create A Service and Ping A Website

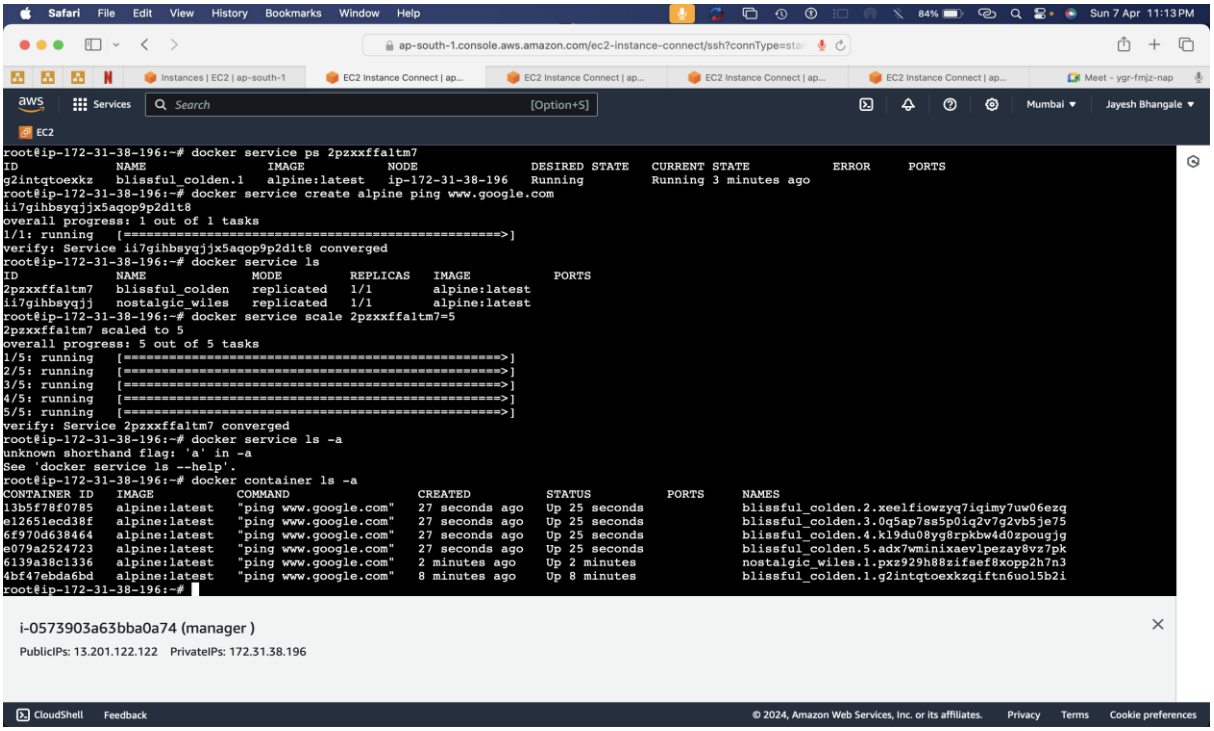
Docker service create alpine ping www.google.com





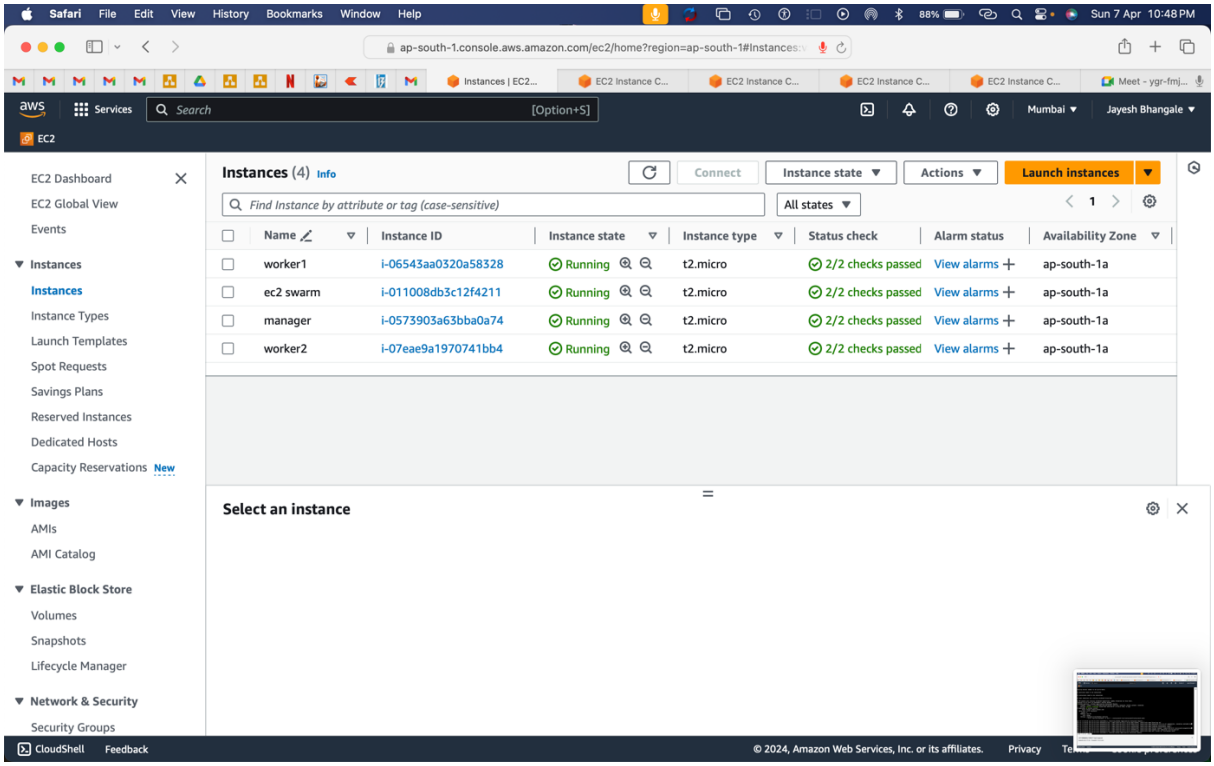
Step 4 Scale the Replicated Service

docker service scale id=5



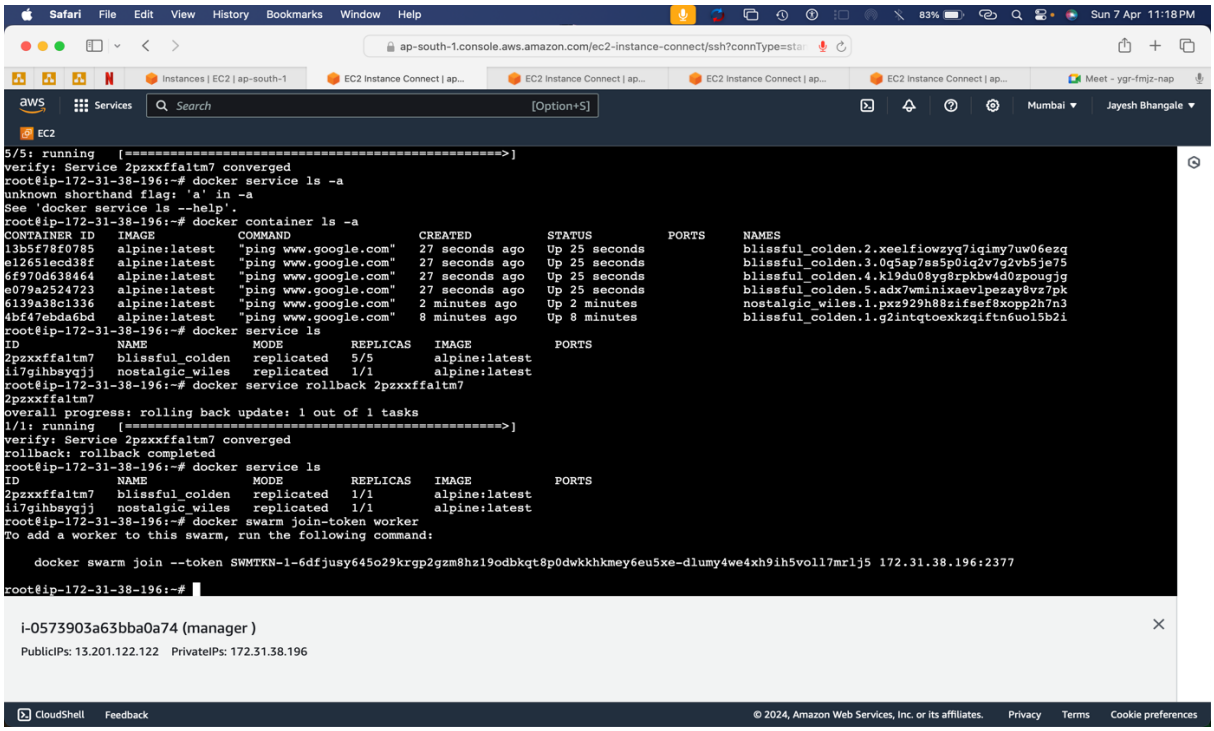
Step 5: Create Two New Instance

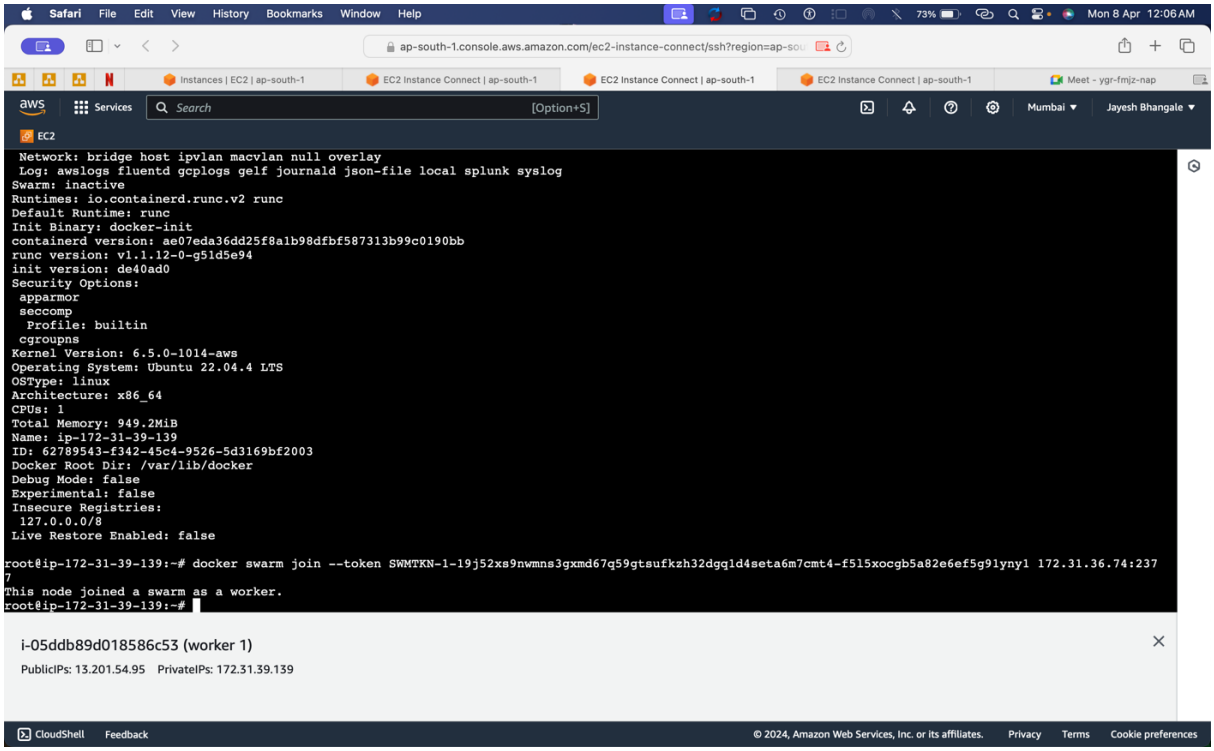
Instance Name : Worker1 and Worker 2

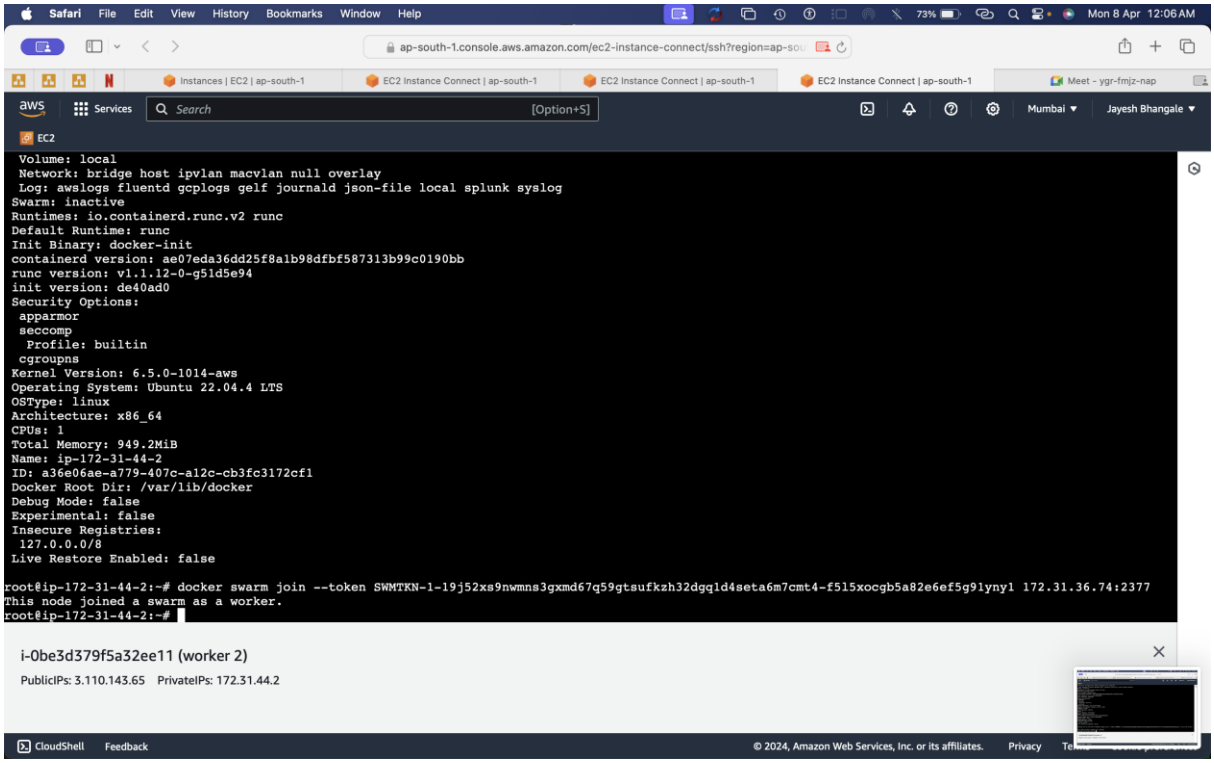


Step 6: Connect The Other Two Nodes to The Manager Node

docker swarm join-token worker

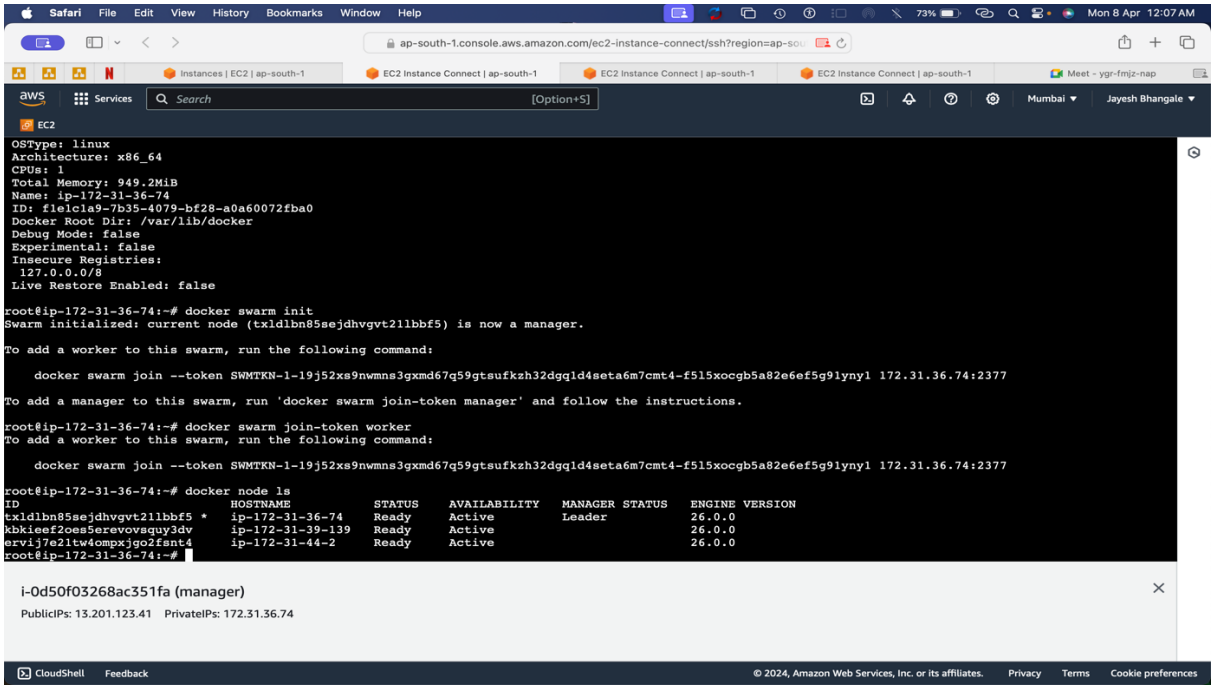






Step 7: Reflect The Connected Worker Nodes Working Under Manager Node

docker node ls



END OF PRACTICAL

Sign:

Subject In charge -

(Dr. Swapnil D. Waghmare)