## **Phase-5 Practice Project: Assisted Practice**

## 4. Container Scaling with Docker Swarm.

Creating service for scaling

- Docker containers deployed on Docker swarm cluster can be scaled up and down to implement high availability of Docker containers. If in case any Docker container gets crashed, we can get a new one created and other containers can easily handle the load.
- Use the commands below to create a service and scale the service up and down to increase or decrease Docker containers

docker service create -p 8080:8080 --name bootcampjocatalin/kubernetesbootcamp:v1

docker service Is

docker service psbootcamp

curl localhost:8080

• Once the container deployed, we can scale up and down the Docker swarm service following the process shown below

docker service scale bootcamp=3
docker service psbootcamp
curl localhost:8080

In the screenshot above, we can see that when we are trying to access swarm service on 8080 port, we are getting different ids in the response. This means that our request is going to different containers in round robin manner.