**Assignment 4**

Create Isolated network within docker container

1. Docker network create Secure\_network // create a secure network
2. Docker run -d –name finance –network=secure-network nginx:latest // run nginx container with finance container
3. Docker ps -a // list all containers
4. Docker inspect finance //to retieve IP
5. Ping ip <container ip>

If you receive ping response then it means its not isolated, if you do not receive response it means network is isolated.

**Assignment 5**

Create host network

1. Docker run -d –name <host\_demo> --network=host nginx:latest
2. Docker inspect <name of network>

You should not be able to see any IP, which means it is using Host (OS) IP.