Module - 10

Container Orchestration Tool - Kubernetes:

Assignment

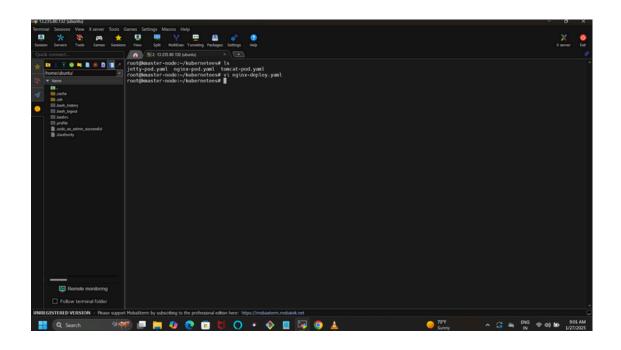
Date of submission - 27/01/2025

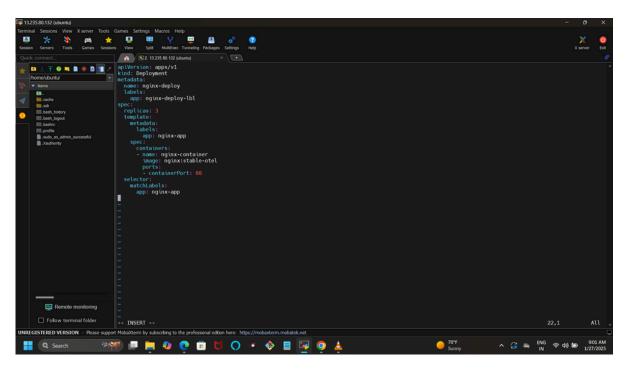
Submitted by - Chandra Sekhar

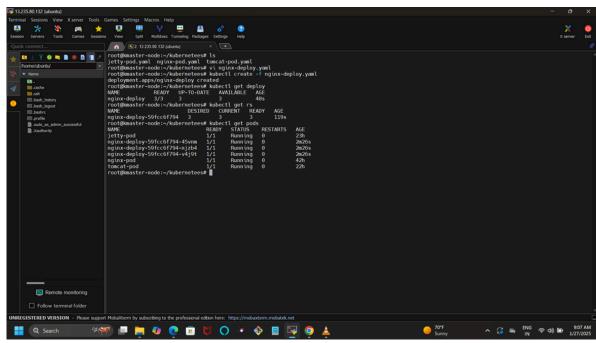
L1 - Create Deployment Controller Object to Deploy the Application Image Created in Docker Module and Expose it to the Internet

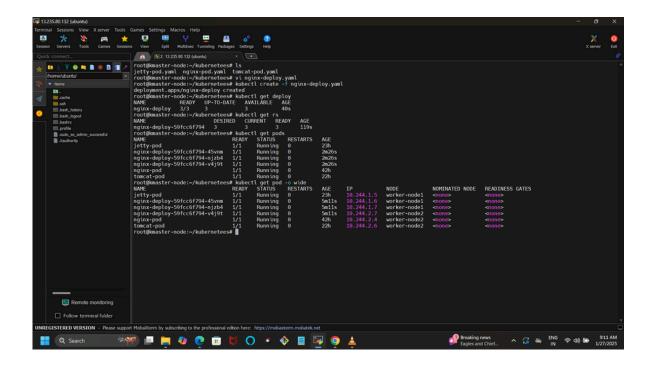
Step 1:

First creating our yaml file with all the requirements for deployment. then

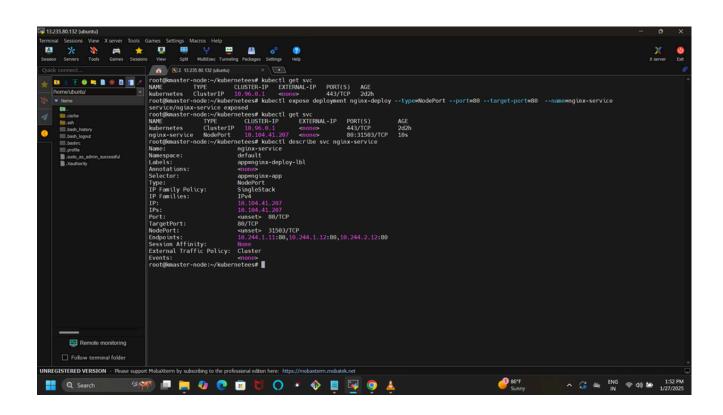


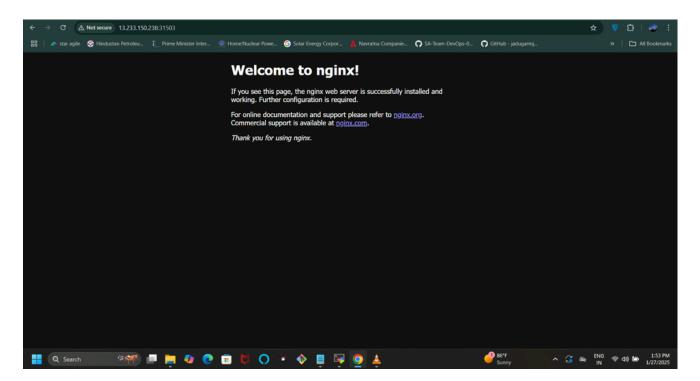




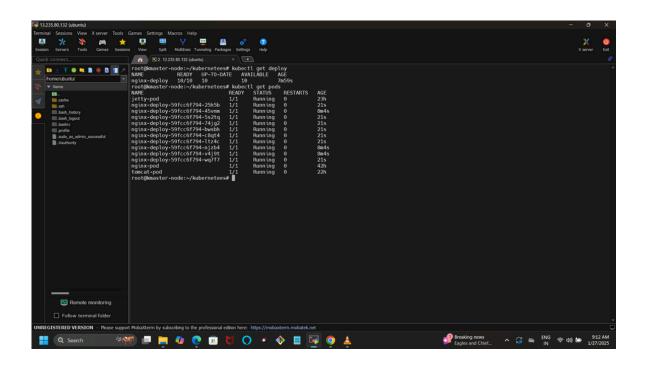


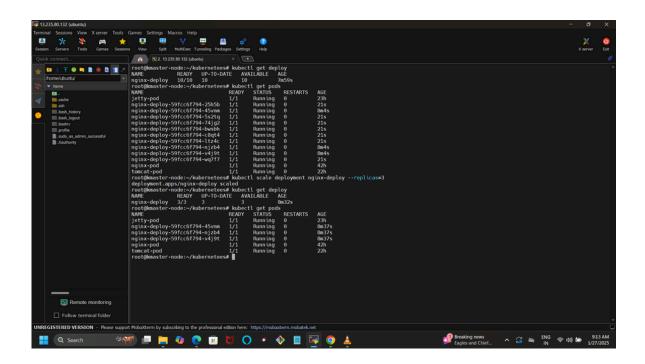
Mapping the deployment object to NodePort Service, it will be applicable to all corresponding pods.





L2 - Scale-up and Scale-Down the Pods Deployed





L3 - Implement Rolling-Update Strategy to Upgrade the Application Image from V1.0 to V1.1

