

DevOps(DS457)

Assignment

Developing and Deploying a Node.js app from Docker to Kubernetes

Submitted to

Dr.Uma.S

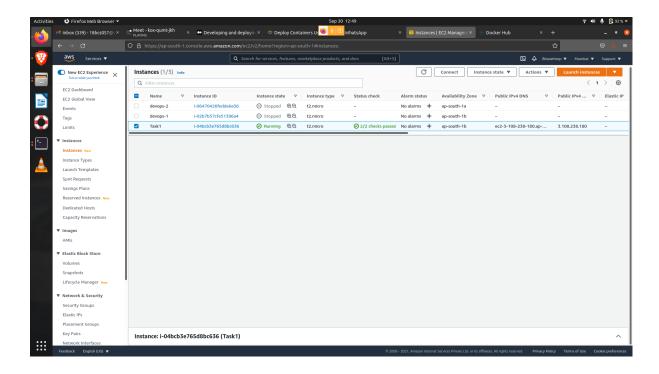
Submitted by

Team13

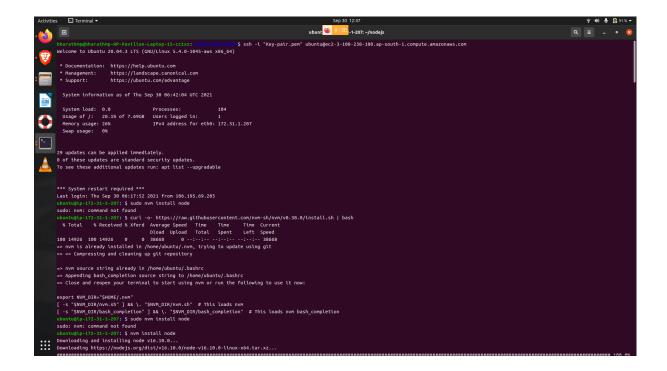
S.Sampath(18BCS087)
T.Umesh Anand babu(18BCS105)
M.P. Bharath(18BCS057)
M.Venkata Kalyan Babu(18BCS049)
Y.Mokshith(18BCS112)

Assignment:1.2:

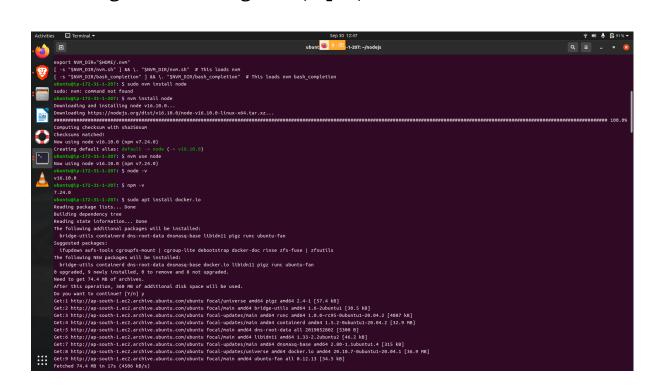
Creating an Ubuntu EC2 Instance (task_1)



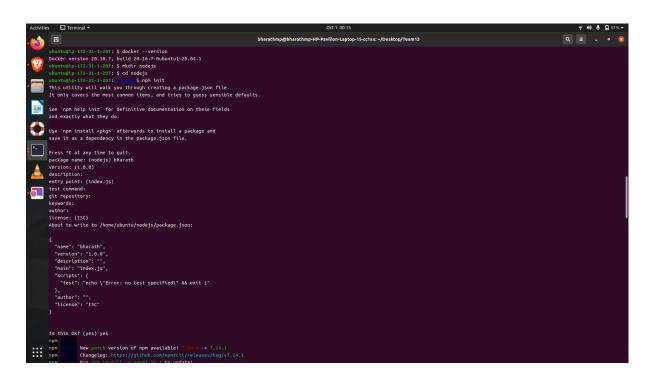
Connecting to EC2 Instance and installing and checking node

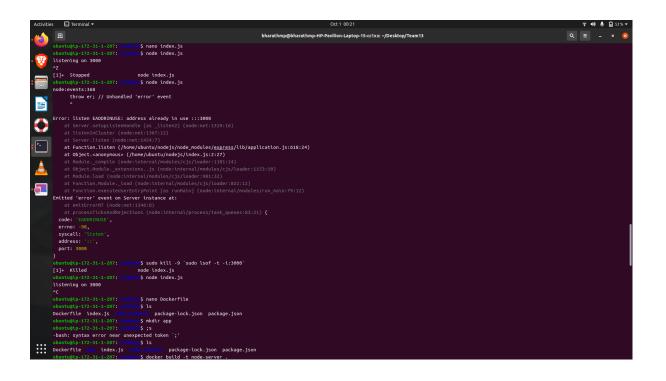


Installing and Checking node, npm, Docker



Initializing the node application

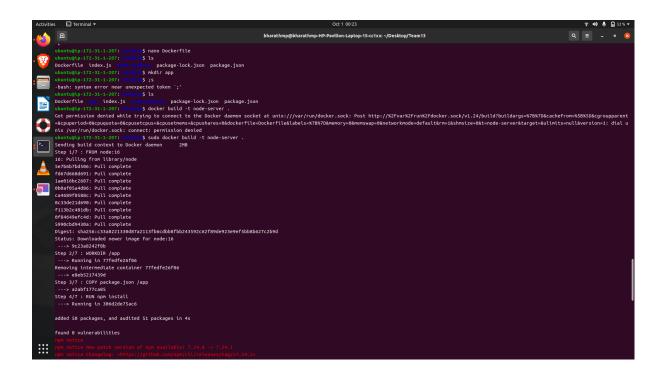






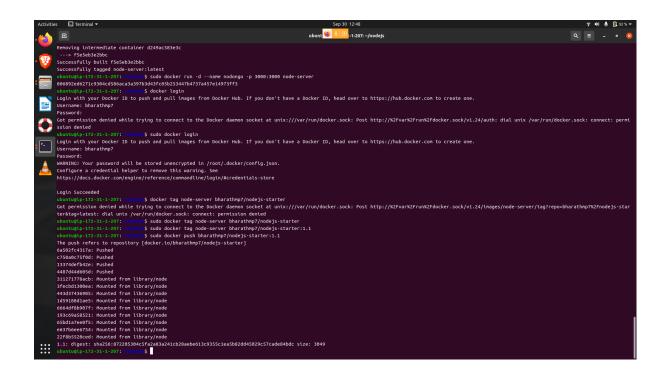
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Creating a Docker file

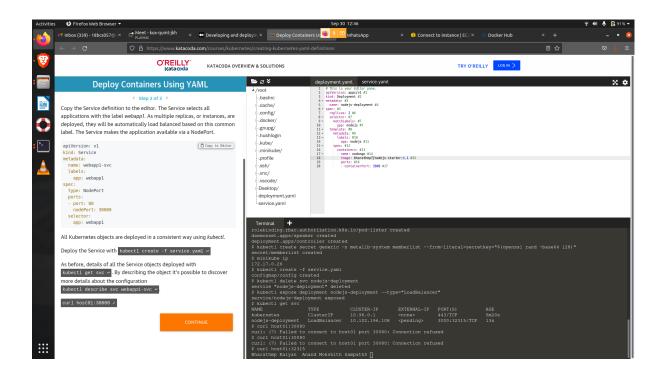




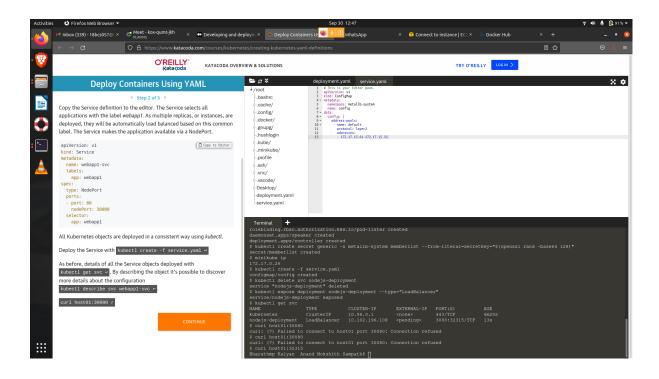
Login into Docker hub and pushing the Image.

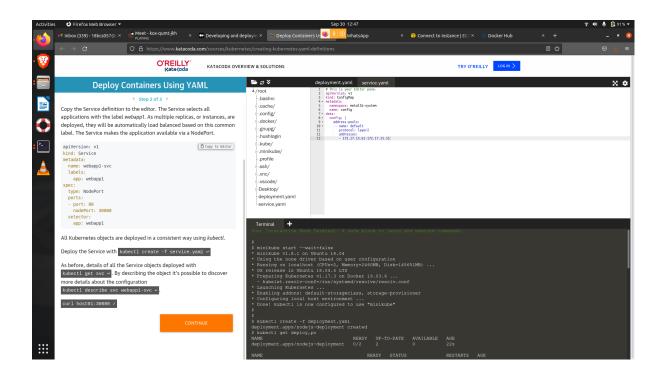


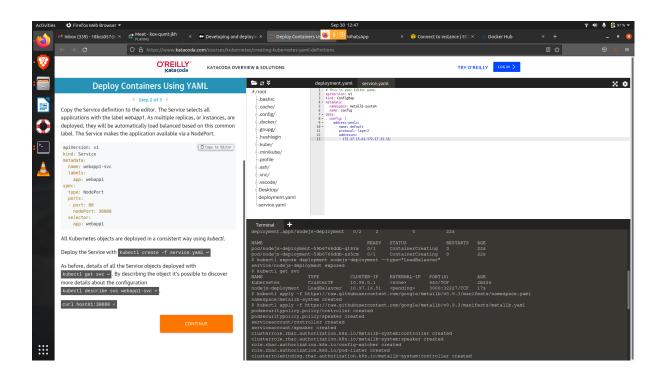
Creating Deployment.yaml Using Online application called Katacode for Kubernetes.



Creating Service.yaml







The Users are shown

