

SOFE 3980U

Lab 3

Docker and Kubernetes

YouTube link: <https://youtu.be/E2RAWN056os>

Repo Link to Lab 2 with .YAML and Docker files: <https://github.com/ashwinprem/Lab2-QA/tree/main>

Instructions used:

mvn package

docker build -t northamerica-northeast2-docker.pkg.dev/tensile-ace-415721/sofe3980u/binarycalculator .

docker push northamerica-northeast2-docker.pkg.dev/tensile-ace-415721/sofe3980u/binarycalculator

kubectl create deployment binarycalculator-deployment --image northamerica-northeast2-docker.pkg.dev/tensile-ace-415721/sofe3980u/binarycalculator --port=8080

kubectl expose deployment binarycalculator-deployment --type=LoadBalancer --name=binarycalculator-service

kubectl get service