

## Exercise 4

1.

The pvc's YAML file defines "storageClassName" to be "hostpath". What is a storageclass, and what does "hostname storage class" mean?

2.

Explain the differences between this week's kubernetes "deployment" (as described in the YAML file) from last week's. Be specific.

3.

Create a pipeline similar to lab2, except map the /root/.m2/repository directory to the pvc you created in lab 1 "jenkins-pv-claim". Once it is set up, run the pipeline twice. The second run should be faster.

Your pipeline should be in the Jenkinsfile in your own github repository. Configure the pipeline to load your Jenkinsfile from github.

Submit the Jenkinsfile. Submit the console logs for the second run. Explain your experiment and any problems you ran into. Find in the Jenkins logs where the agent pod is created and then torn down. Paste those lines into your submission and describe what Jenkins is doing in that intervening time.