

Amdocs Task

1. Next time when we will meet, we would provide you a working environment where we would like you to create a helm chart to deploy nginx application which will serve a simple helloWorld.html page with Hello World message in H1 Tag. (You can complete this in your free time and clone repo when we meet to demo your work)
2. What you have to do:
 - a. Create helm chart which will
 - i. Create deployment for nginx.
 - ii. Create service to expose this deployment.
 - iii. Create a config map which will store helloWorld.html
 - iv. Mount this configmap in your container.
 - v. Nginx should serve the file you have mounted.

Tools installation :

*note: I installed kubrenetes locally because on cloud (aws,azure,..etc) a monthly subscription required to deploy a node

- 1- I used this guide to install minikube to run kubrenetes locally:
<https://minikube.sigs.k8s.io/docs/start/>
- 2- Install and run kubectl:
<https://kubernetes.io/docs/tasks/tools/install-kubectl-windows/>
an environment for kubectl should be created on windows to make it run
- 3- Install vitualbox :
<https://www.virtualbox.org/wiki/Downloads>
- 4- Install helm :
<https://helm.sh/docs/intro/install/>
chocolatey should be installed

helm chart:

1-create helm chart:

Command:helm create hello-world

2-create deployment for nginx

3-create service

4-create configmap