**Kubernetes Labels**

Step 1: List existing node and add a label disktype=ssd to one of the node

kubectl get nodes --show-labels

Step 2: Label any slave node disk=ssd

kubectl label nodes <your-node-name> disktype=ssd

step 3: Describe the same node labels for above minion node

kubectl describe nodes <your-node-name>

A computer screen shot of a computer code

Description automatically generated

**Task**

**Schedule a pod as follows:**

✑ Name: nginx-pod

✑ Image: nginx:latest

✑ Node selector: disktype=ssd

**Solution**

Step 4: create deployment yaml file

vim node.yaml

apiVersion: v1

kind: Pod

metadata:

name: nginx

spec:

containers:

- name: nginx

image: nginx

nodeSelector:

disktype: ssd

step 5: deploy the pod

kubectl create -f node.yaml

Step 6: verify that POD is running on desired host

kubectl describe pods nginx

A close-up of a message

Description automatically generated

====================Lab completion =====================