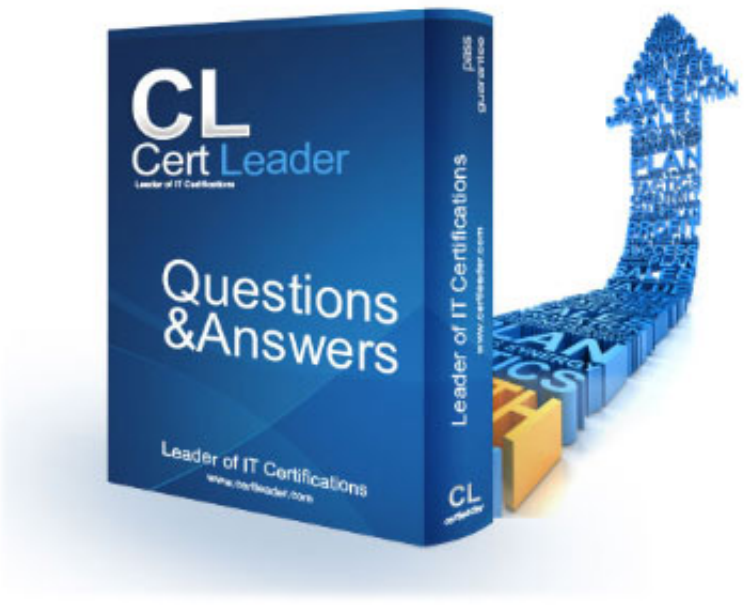
CKA Dumps

Certified Kubernetes Administrator (CKA) Program

https://www.certleader.com/CKA-dumps.html



NEW QUESTION 1
Create a pod with environment variables as var1=value1.Check the environment variable in pod

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl run nginx --image=nginx --restart=Never --env=var1=value1
then
kubectl exec -it nginx -- env
or
kubectl exec -it nginx -- sh -c 'echo $var1'
or
kubectl describe po nginx | grep value1

NEW QUESTION 2
Create a pod that echo ??hello world?? and then exists. Have the pod deleted automatically when it??s completed

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl run busybox --image=busybox -it --rm --restart=Never -
/bin/sh -c 'echo hello world'
kubectl get po # You shouldn't see pod with the name "busybox"

NEW QUESTION 3
Monitor the logs of pod foo and:
- Extract log lines correspondingto error unable-to-access-website
- Write them to/opt/KULM00201/foo

A. Mastered
B. Not Mastered

Answer: A

Explanation:

solution
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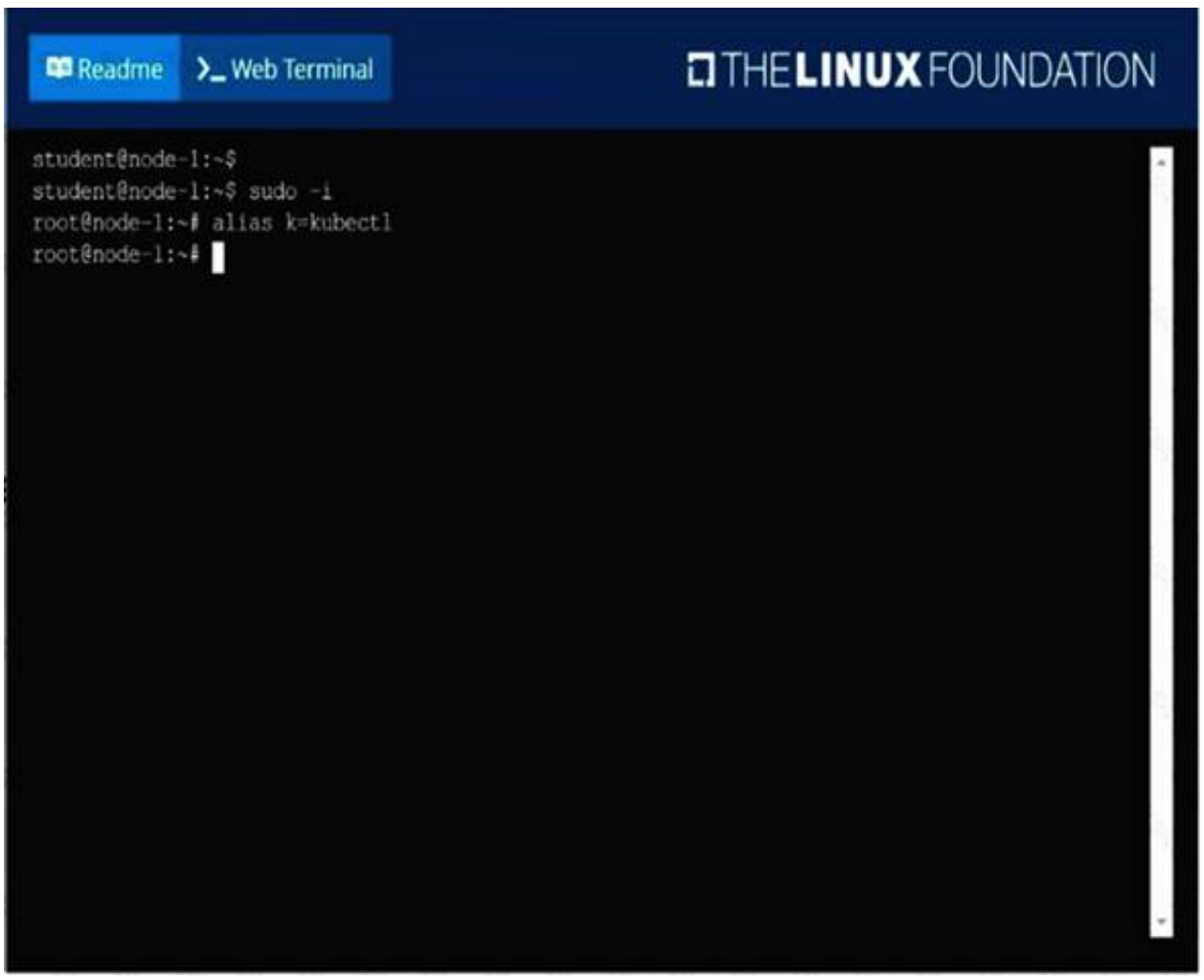

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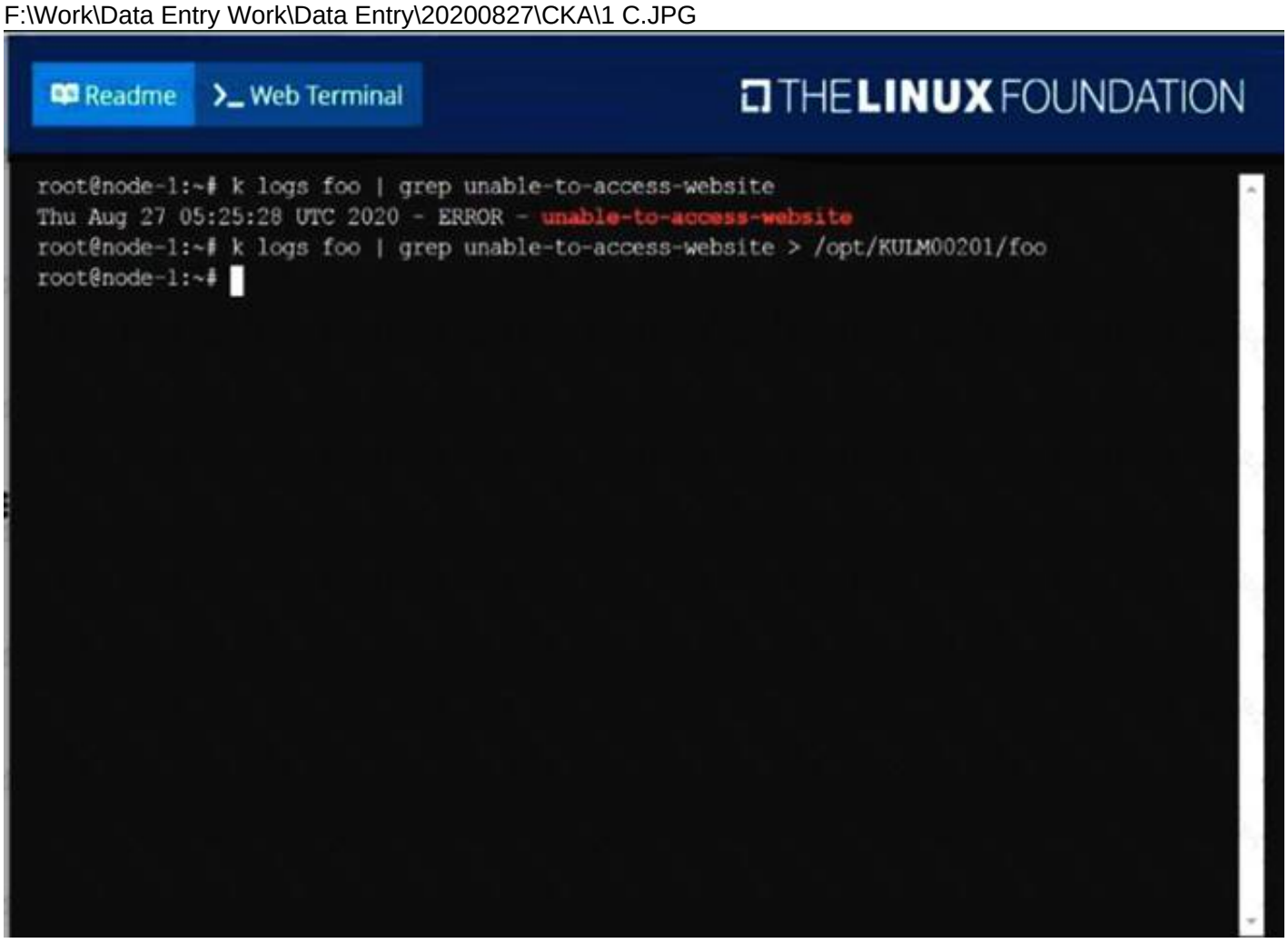

NEW QUESTION 4
List the nginx pod with custom columns POD_NAME and POD_STATUS

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get po -o=custom-columns="POD_NAME:.metadata.name, POD_STATUS:.status.containerStatuses[].state"

NEW QUESTION 5
Create a pod as follows:
- Name:mongo
- Using Image:mongo
- In anew Kubernetes namespacenamed:my-website

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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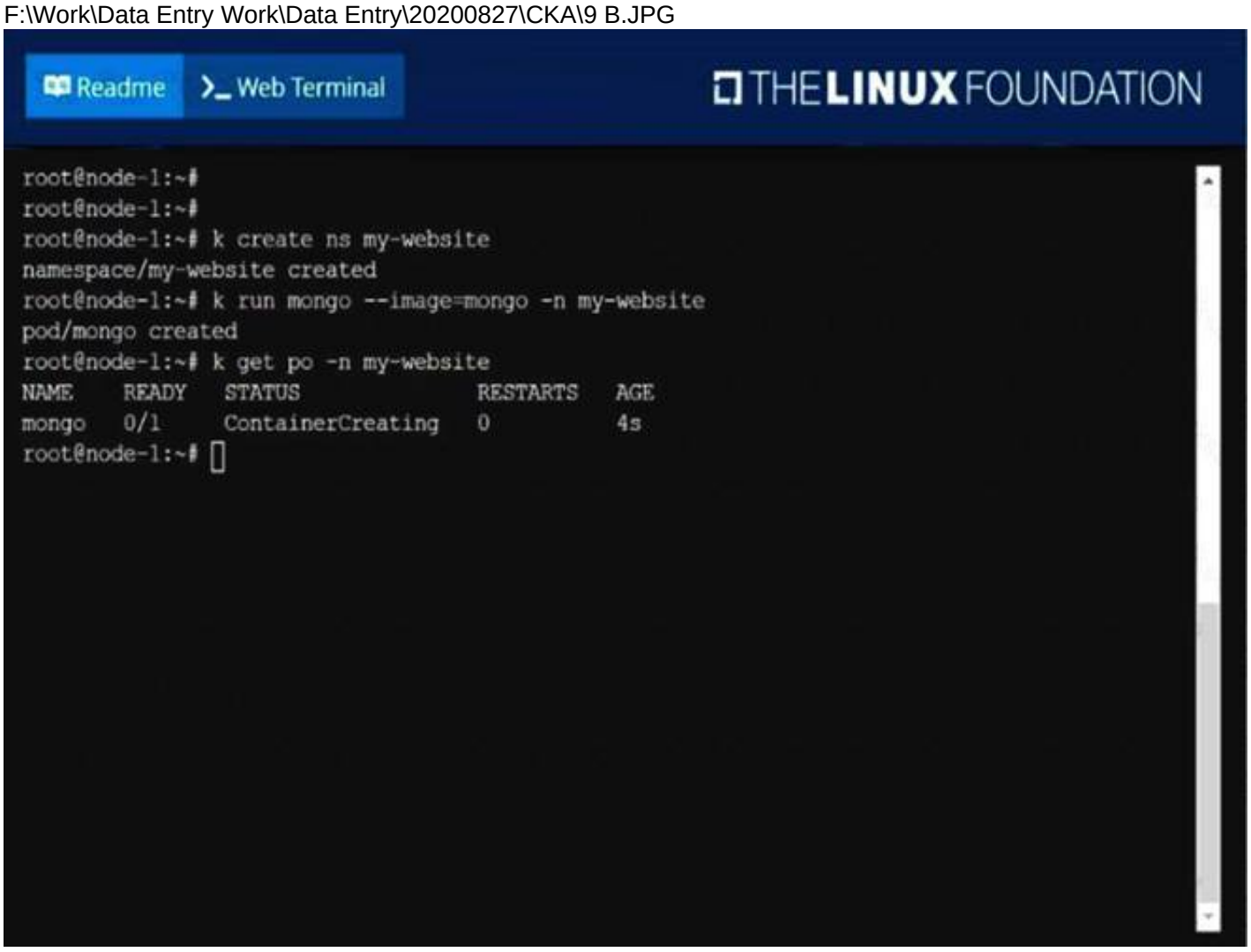

NEW QUESTION 6
List all the pods sorted by name

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubect1 get pods --sort-by=.metadata.name

NEW QUESTION 7
List pod logs named ??frontend?? and search for the pattern ??started?? and write it to a file ??/opt/error-logs??

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Kubectl logs frontend | grep -i ??started?? > /opt/error-logs

NEW QUESTION 8
List all persistent volumes sorted bycapacity, saving the fullkubectloutput to
/opt/KUCC00102/volume_list. Usekubectl 's own functionality forsorting the output, and do not manipulate it any further.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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NEW QUESTION 9
Create a namespace called 'development' and a pod with image nginx called nginx on this namespace.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl create namespace development
kubectl run nginx --image=nginx --restart=Never -n development

NEW QUESTION 10
Create a pod as follows:
- Name:non-persistent-redis
- container Image:redis
- Volume with name:cache-control
- Mount path:/data/redis

The pod should launch in thestagingnamespace and the volumemust notbe persistent.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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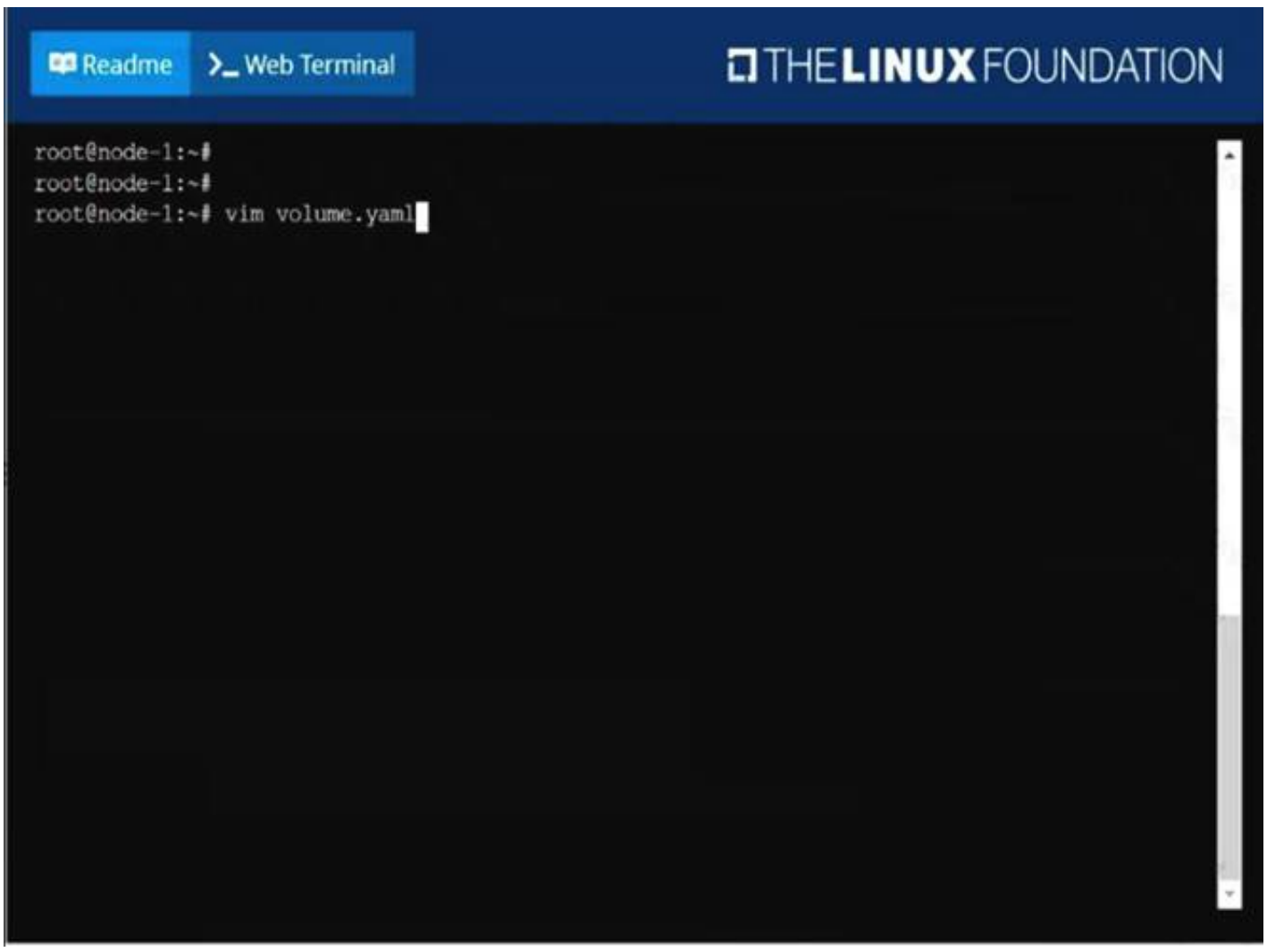

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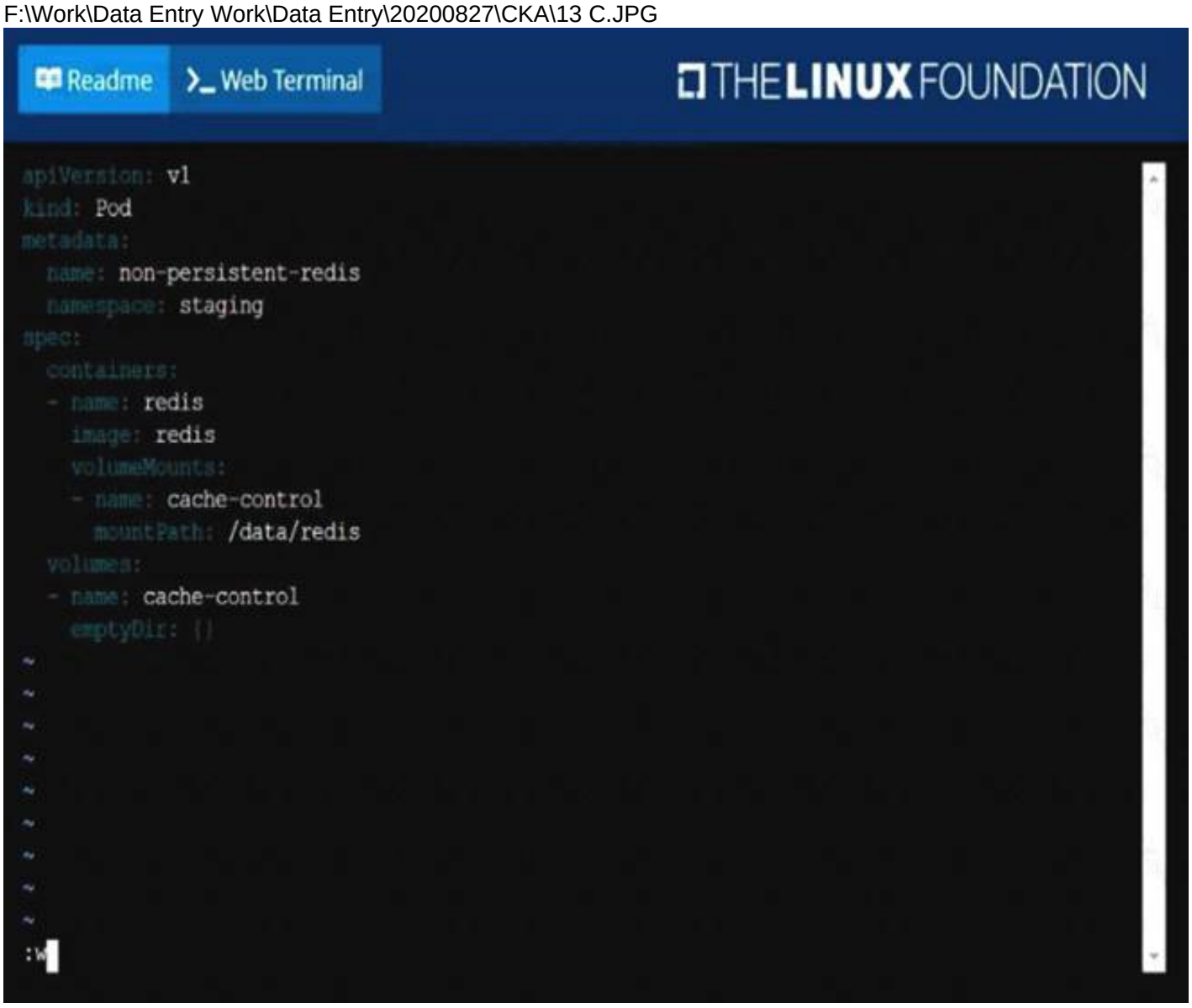

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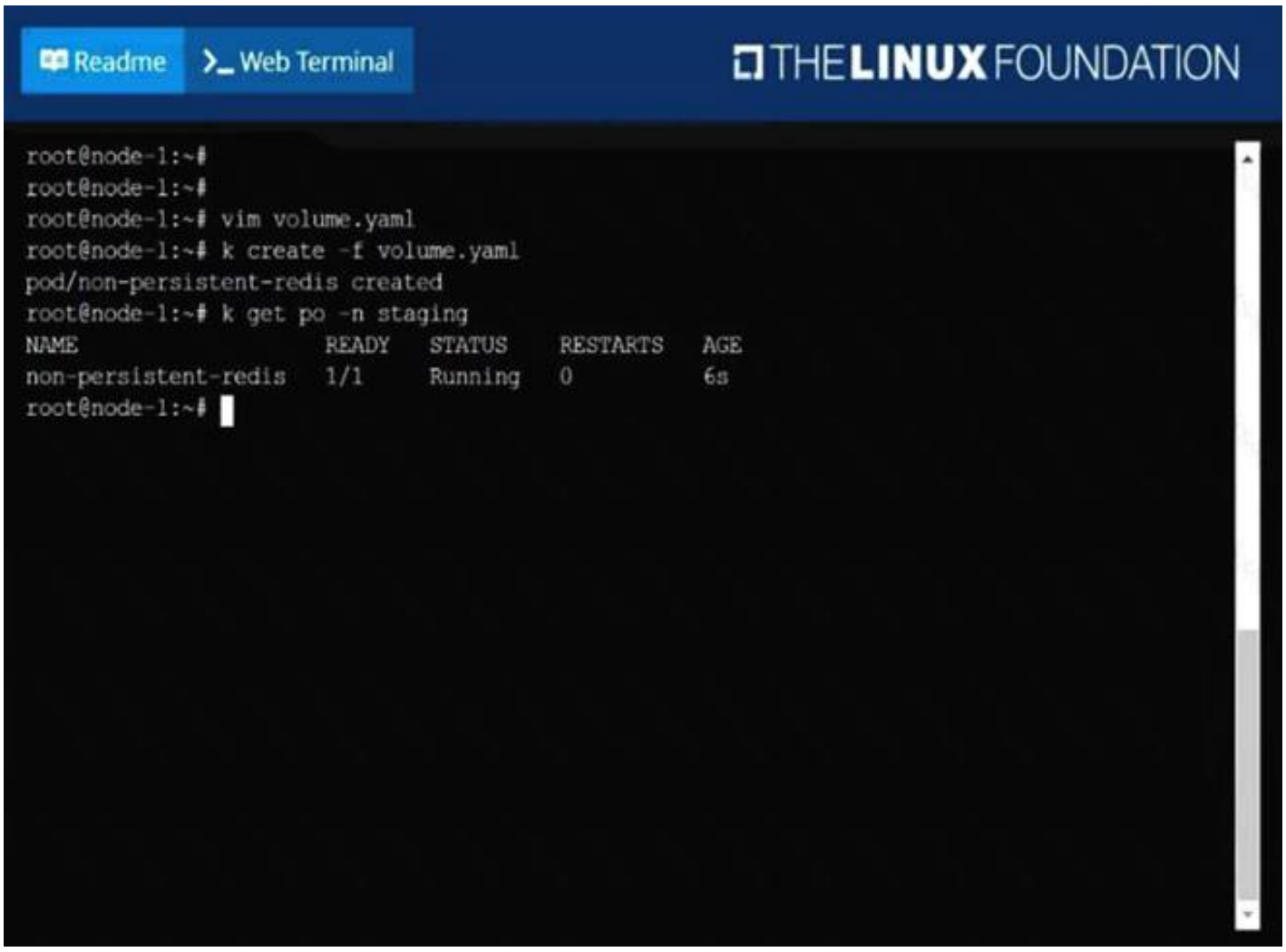

NEW QUESTION 10
Create a busybox pod that runs the command ??env?? and save the output to ??envpod?? file

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl run busybox --image=busybox --restart=Never ?C-rm -it -- env > envpod.yaml

NEW QUESTION 13
List the nginx pod with custom columns POD_NAME and POD_STATUS

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get po -o=custom-columns="POD_NAME:.metadata.name, POD_STATUS:.status.containerStatuses[].state"

NEW QUESTION 15
Ensure a single instance of podnginxis running on each node of theKubernetes cluster wherenginxalso represents the Image name whichhas to be used. Do not override anytaints currently in place.
UseDaemonSetto complete thistask and useds-kusc00201asDaemonSet name.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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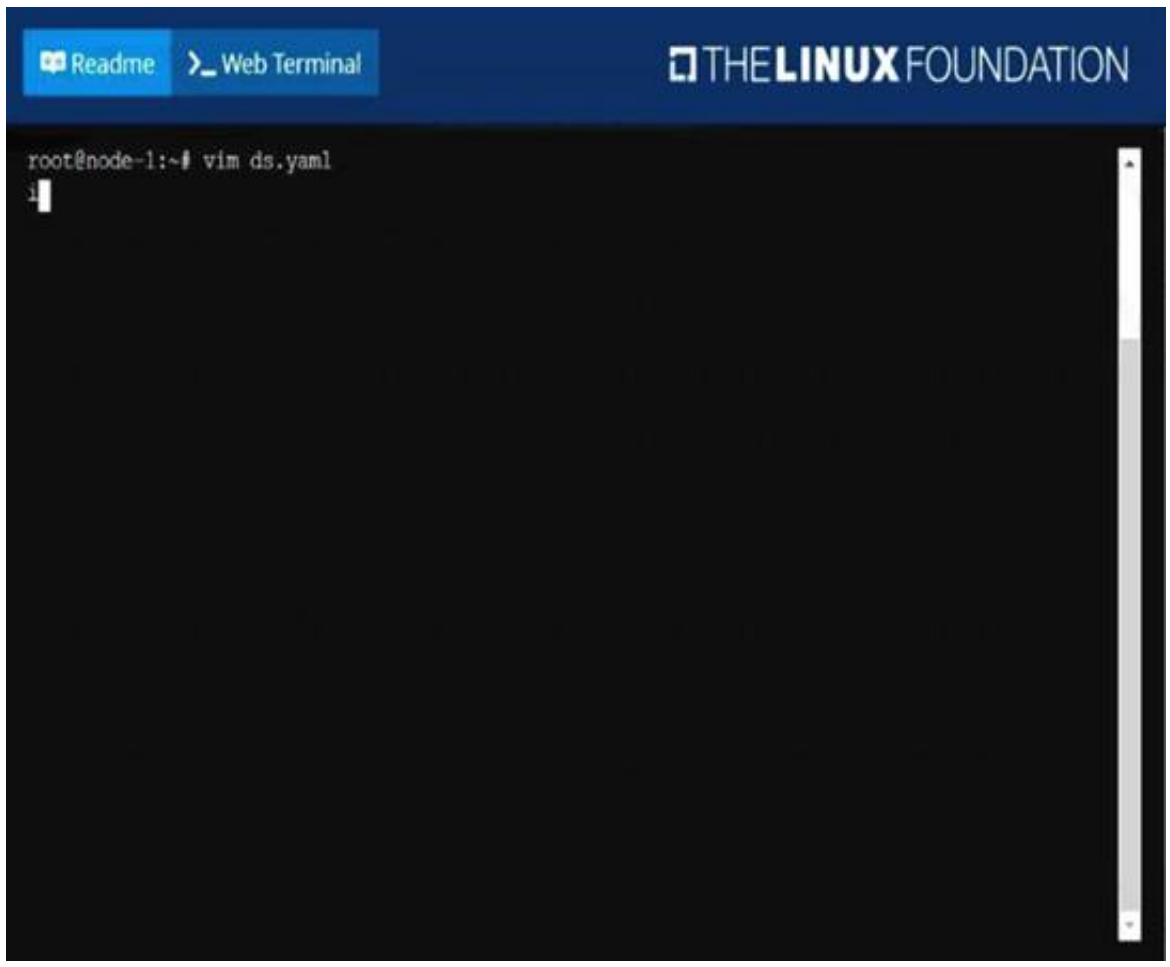

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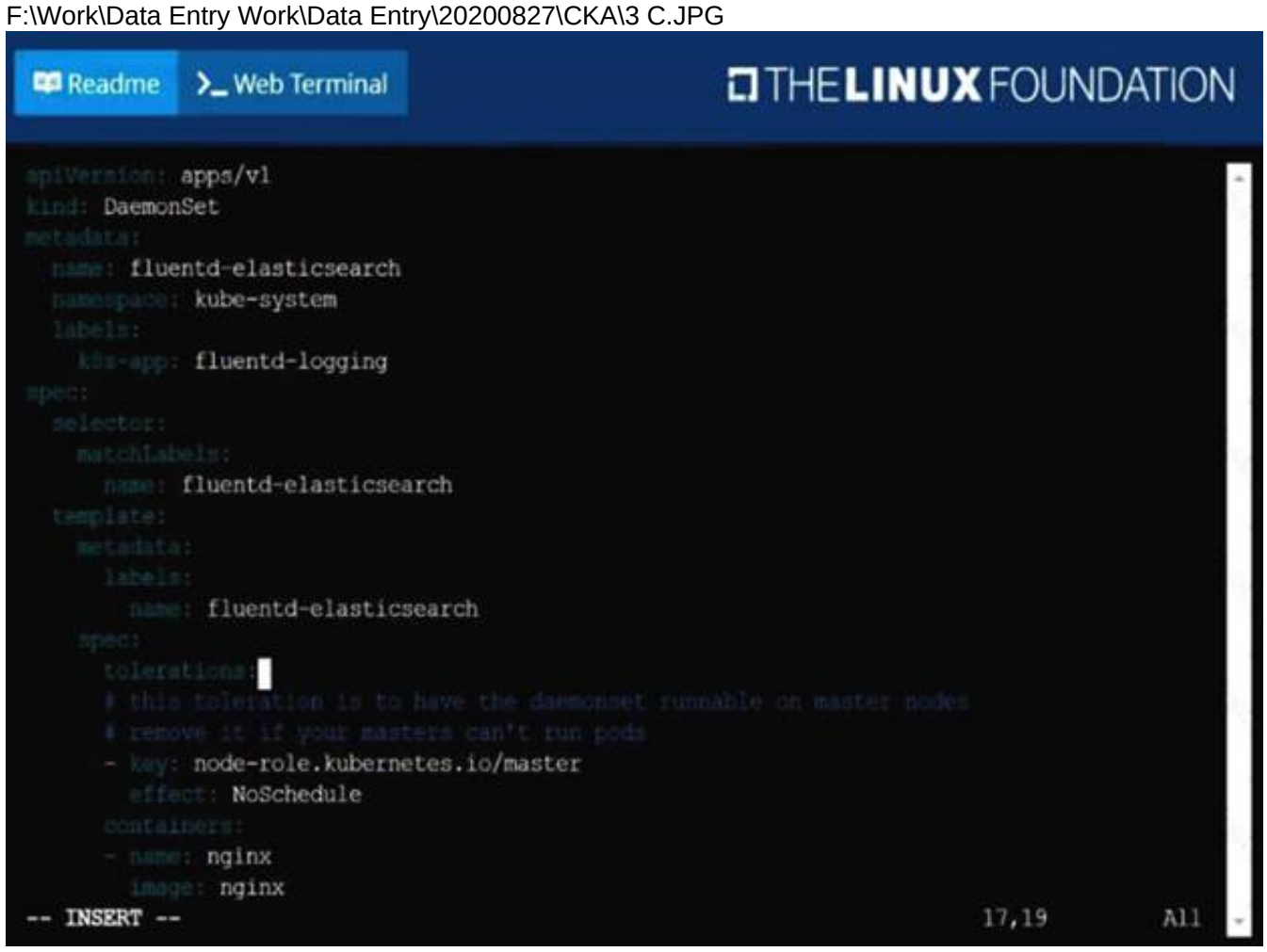

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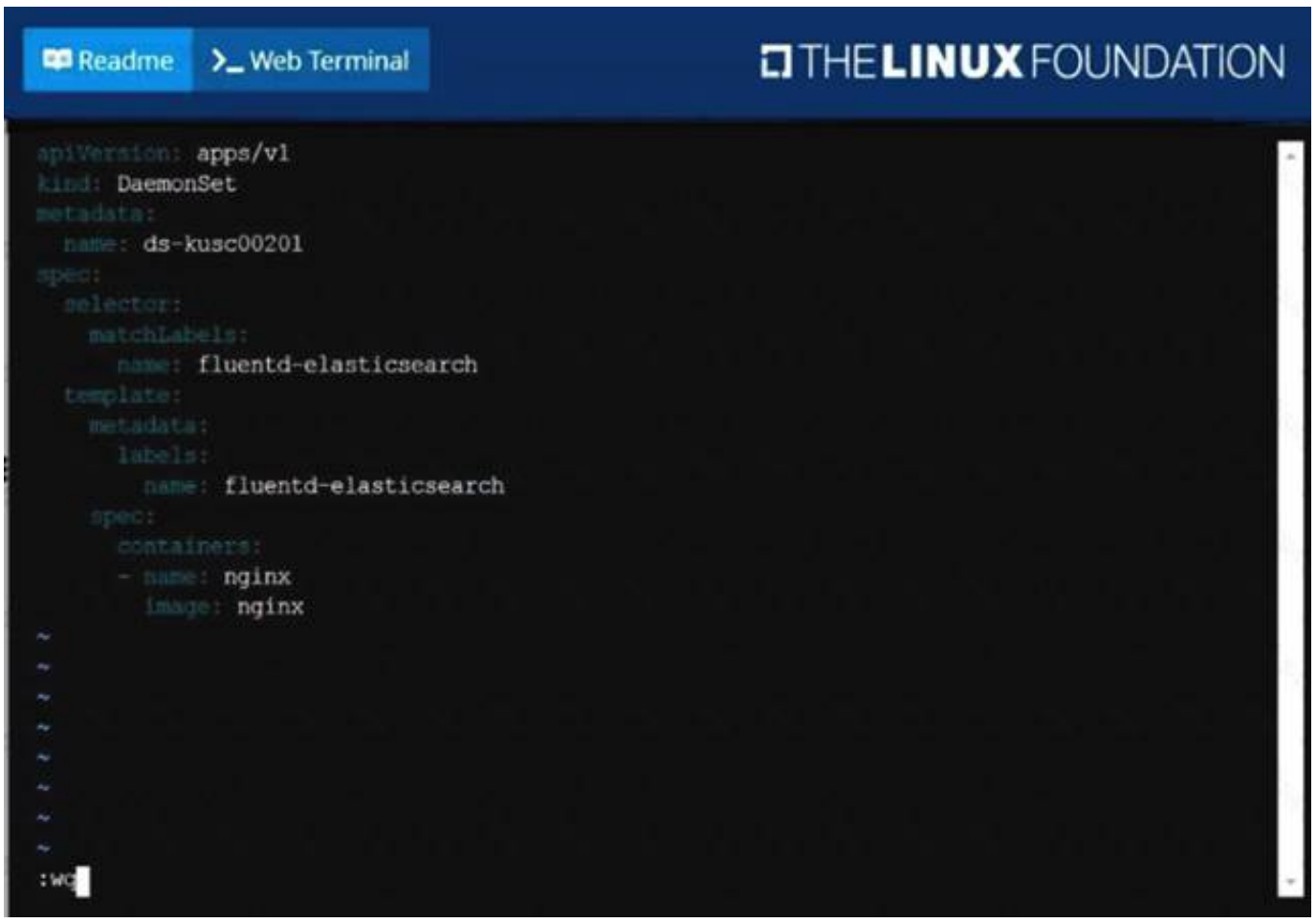

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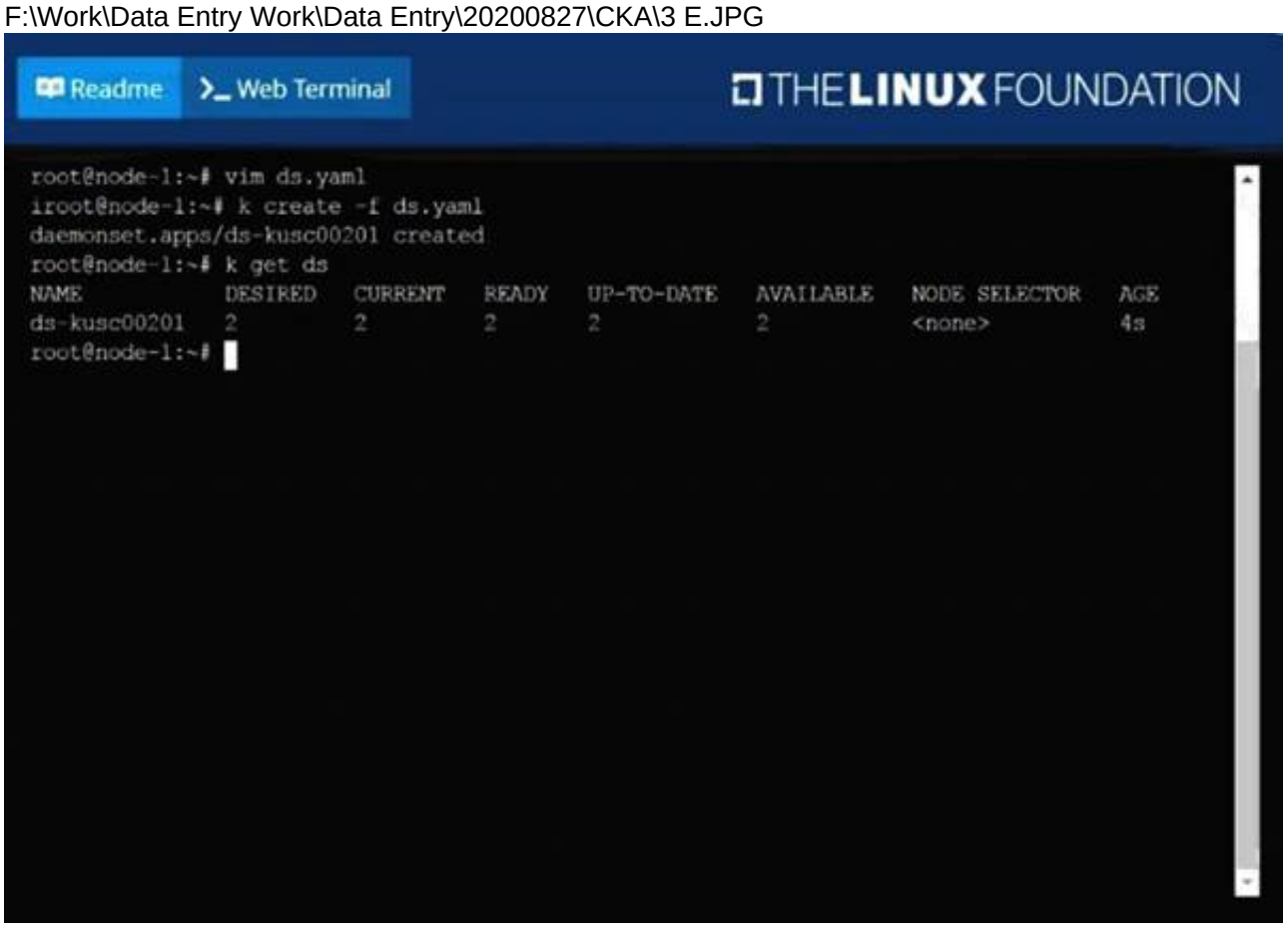

NEW QUESTION 17
Get list of all pods in all namespaces and write it to file ??/opt/pods-list.yaml??

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get po ?Call-namespaces > /opt/pods-list.yaml

NEW QUESTION 20
Get list of all the pods showing name and namespace with a jsonpath expression.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get pods -o=jsonpath="{.items[*]['metadata.name'
, 'metadata.namespace']}"

NEW QUESTION 21

Check the image version in pod without the describe command

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get po nginx -o jsonpath='{.spec.containers[].image}{"\n"}'

NEW QUESTION 22
Create 2 nginx image pods in which one of them is labelled with env=prod and another one labelled with env=dev and verify the same.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl run --generator=run-pod/v1 --image=nginx -- labels=env=prod nginx-prod --dry-run -o yaml > nginx-prodpod.yaml Now, edit nginx-prod-pod.yaml file and remove entries like ??creationTimestamp: null?? ??dnsPolicy: ClusterFirst??
vim nginx-prod-pod.yaml apiVersion: v1
kind: Pod metadata: labels: env: prod
name: nginx-prod spec:
containers:
- image: nginx name: nginx-prod
restartPolicy: Always
kubectl create -f nginx-prod-pod.yaml
kubectl run --generator=run-pod/v1 --image=nginx -- labels=env=dev nginx-dev --dry-run -o yaml > nginx-dev-pod.yaml apiVersion: v1
kind: Pod metadata: labels: env: dev
name: nginx-dev
spec: containers:
- image: nginx name: nginx-dev
restartPolicy: Always
kubectl create -f nginx-prod-dev.yaml Verify :
kubectl get po --show-labels kubectl get po -l env=prod kubectl get po -l env=dev

NEW QUESTION 23
Configure the kubelet systemd-managed service, on the nodelabelled withname=wk8s-node-1, tolaunch a pod containing a singlecontainer of Imagehttpdnamedwebtoolautomatically. Any spec filesrequired should be placed in the/etc/kubernetes/manifestsdirectoryon the node.
You canssh to theappropriate node using:
[student@node-1] $ sshwk8s-node-1
You can assume elevatedprivileges on the node with thefollowing command:
[student@wk8s-node-1] $ |sudo ?Ci

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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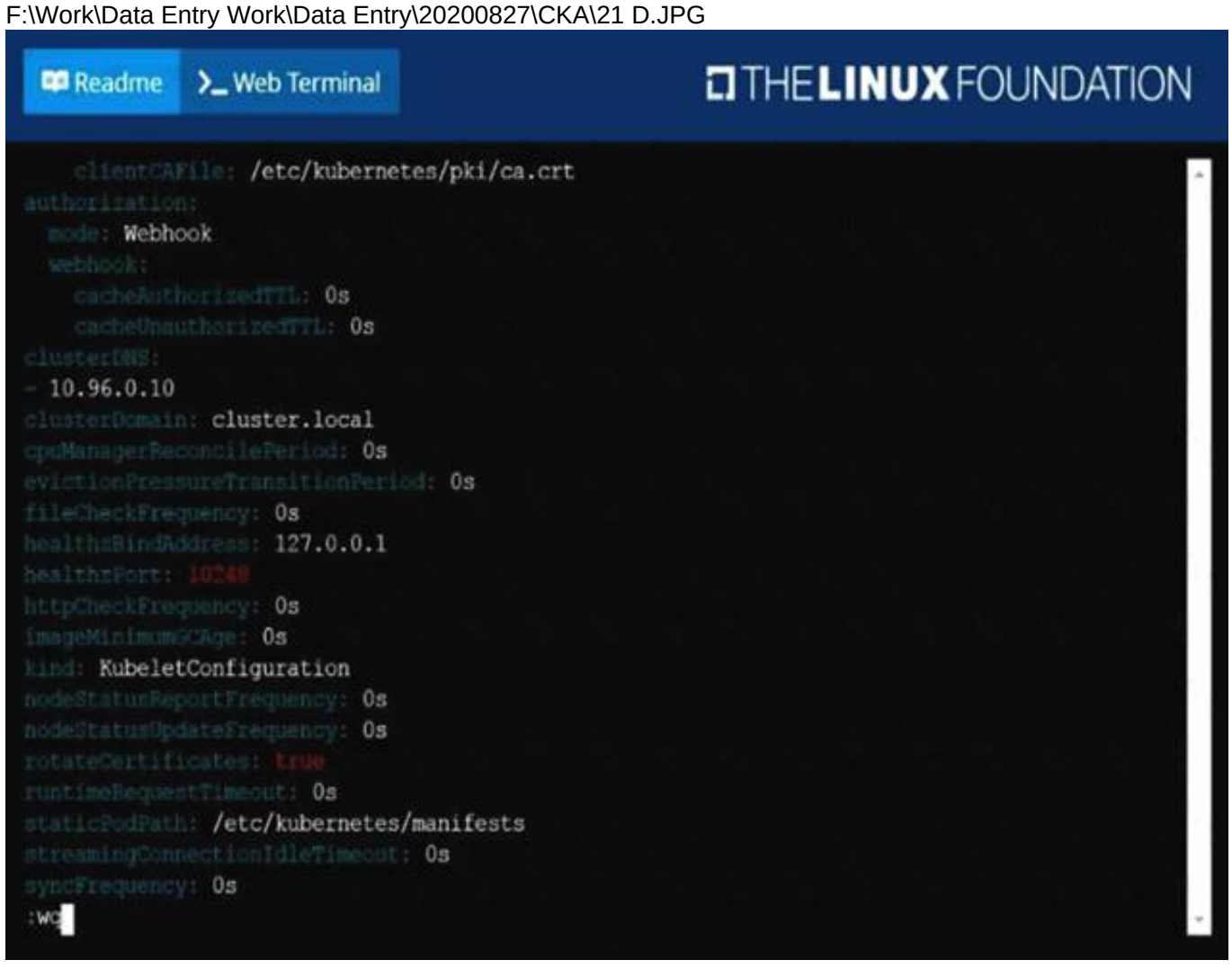

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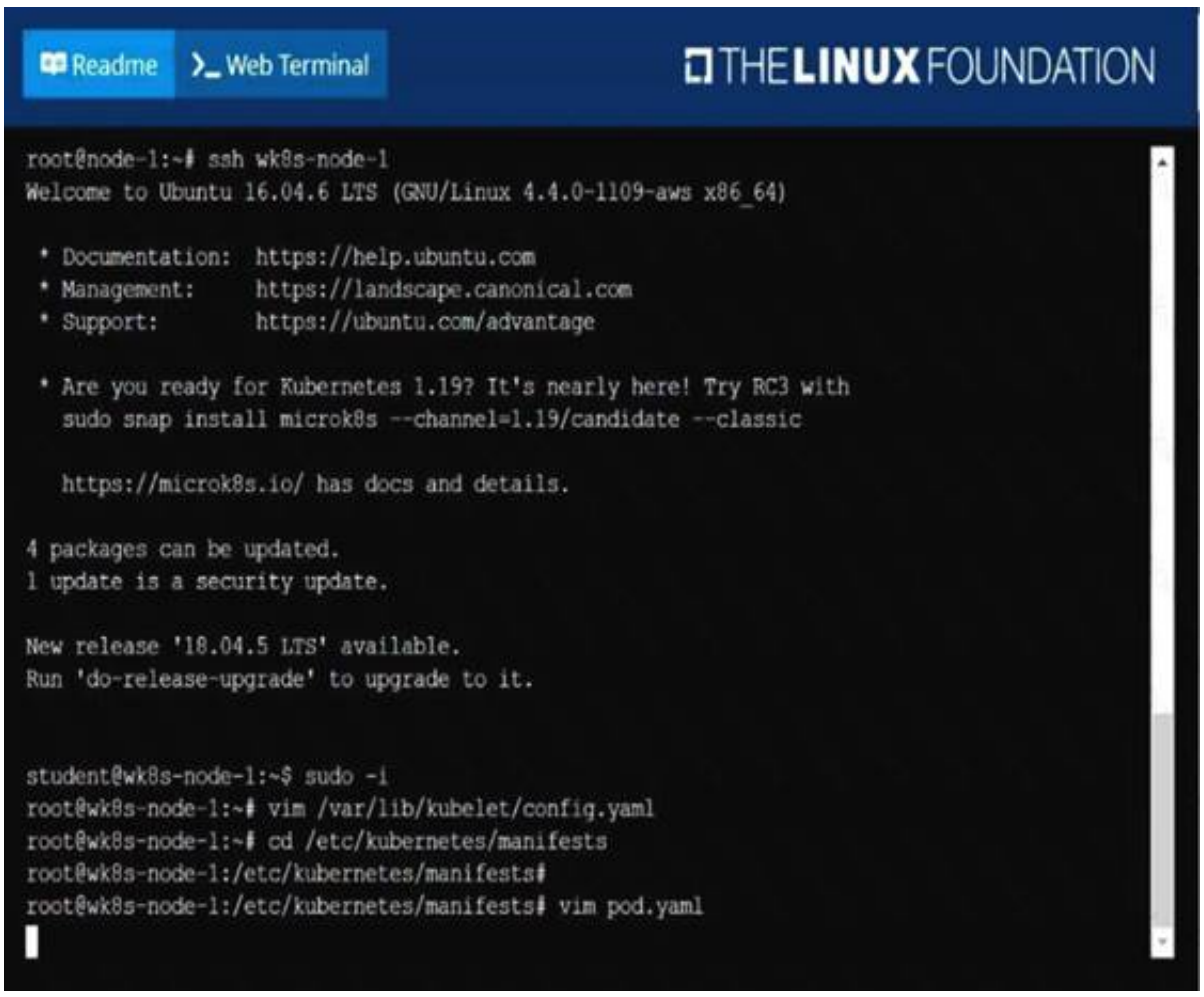

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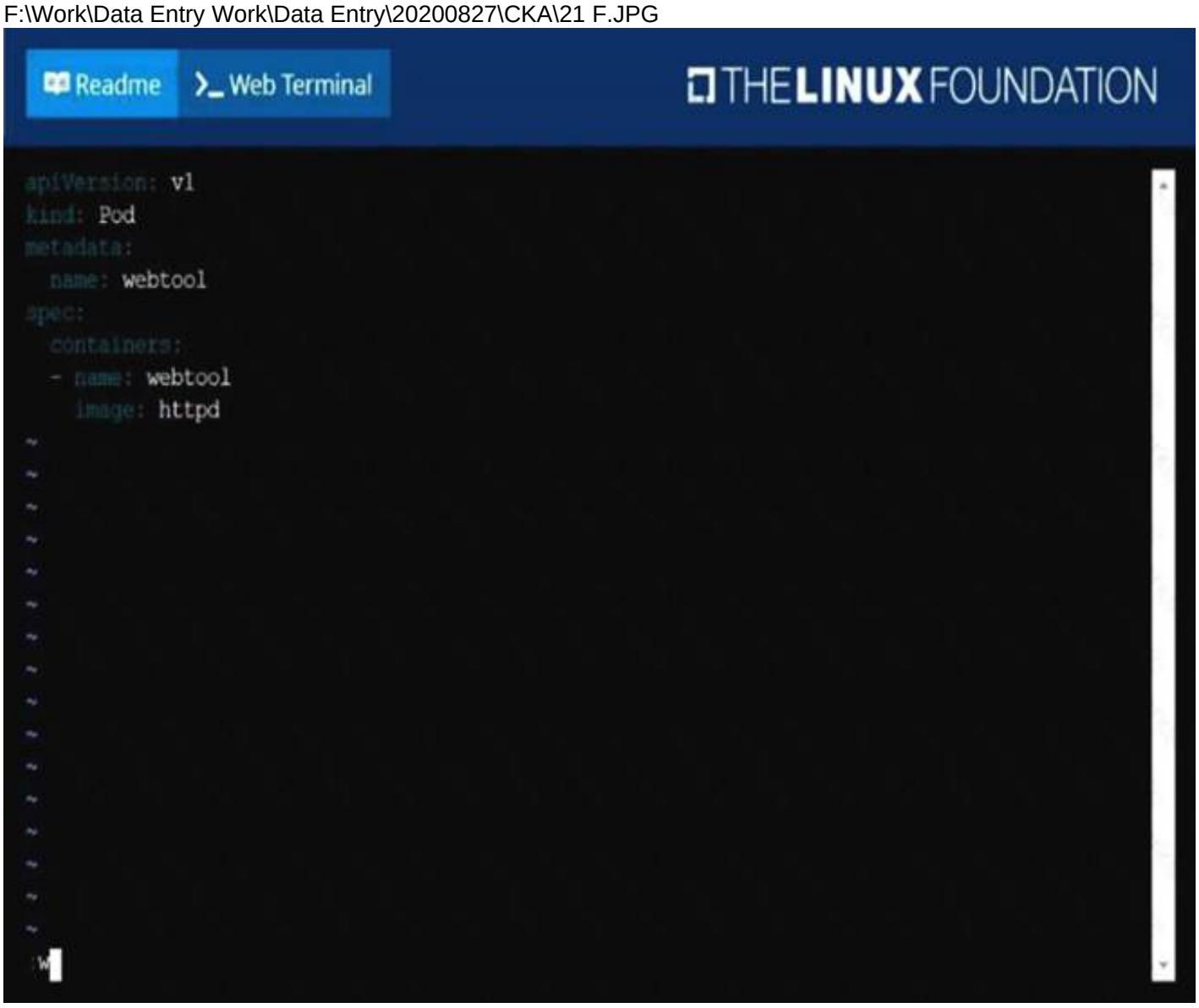

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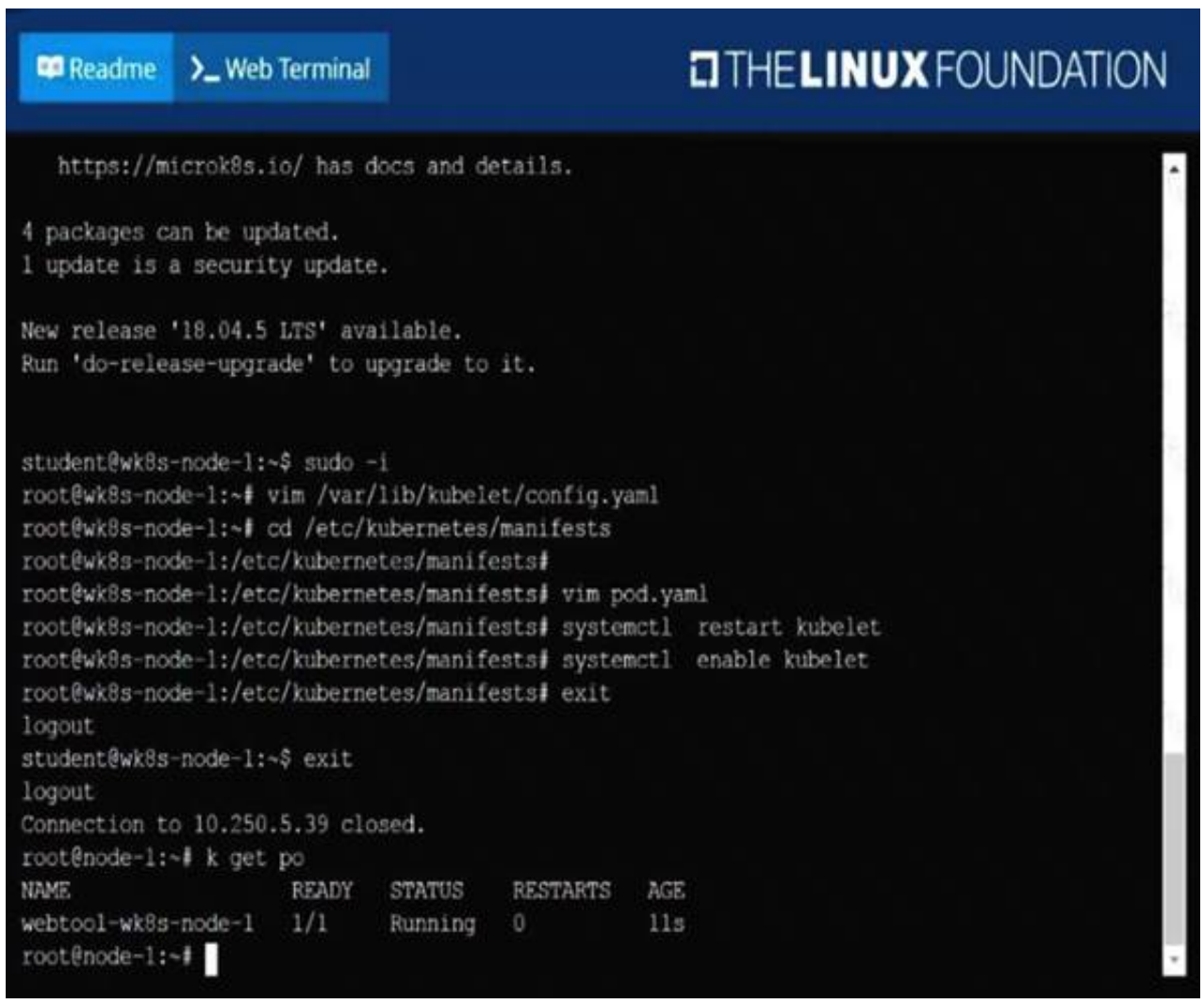


NEW QUESTION 28
Create a busybox pod and add ??sleep 3600?? command

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl run busybox --image=busybox --restart=Never -- /bin/sh -c "sleep 3600"

NEW QUESTION 30
For this item, you will havetosshto the nodesik8s-master-0andik8s-node-0and complete all tasks on thesenodes. Ensure that you return tothe base node (hostname:node-1) when you havecompleted this item.
Context
As an administrator of a smalldevelopment team, you have beenasked to set up a Kubernetes clusterto test the viability of a newapplication.
Task
You must usekubeadmto performthis task. Anykubeadminvocationswill require the use of the
--ignore-preflight-errors=alloption.
- Configure thenodeik8s-master-Oas a masternode. .
- Join the nodeik8s-node-otothe cluster.

A. Mastered
B. Not Mastered

Answer: A

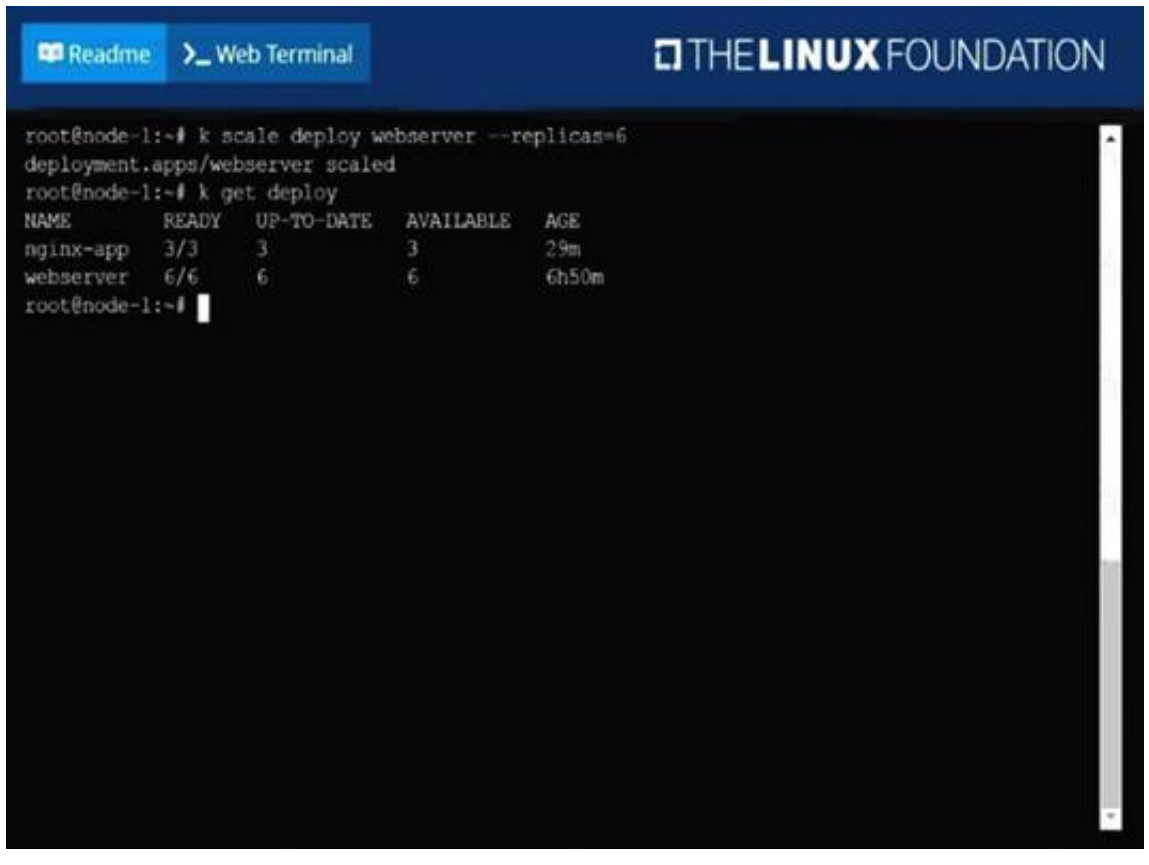
Explanation:
solution
You must use thekubeadmconfiguration file located at/etc/kubeadm.confwhen initializingyour cluster.
You may use any CNI pluginto complete this task, but ifyou don't have your favouriteCNI plugin's manifest URL athand, Calico is one popularoption:https://docs.projectcalico.org/v3.14/manifests/calico.yaml
Docker is already installedon both nodes andapthasbeen configured so that you caninstall the required tools.

NEW QUESTION 35
Scale the deploymentwebserverto6pods.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
F:\Work\Data Entry Work\Data Entry\20200827\CKA\14 B.JPG



NEW QUESTION 37
Print pod name and start time to ??/opt/pod-status?? file

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubect1 get pods -o=jsonpath='{range items[*]}{.metadata.name}{"\t"}{.status.podIP}{"\n"}{end}'

NEW QUESTION 39
Check to see how many worker nodes are ready (not including nodes taintedNoSchedule) and write the number to/opt/KUCC00104/kucc00104.txt.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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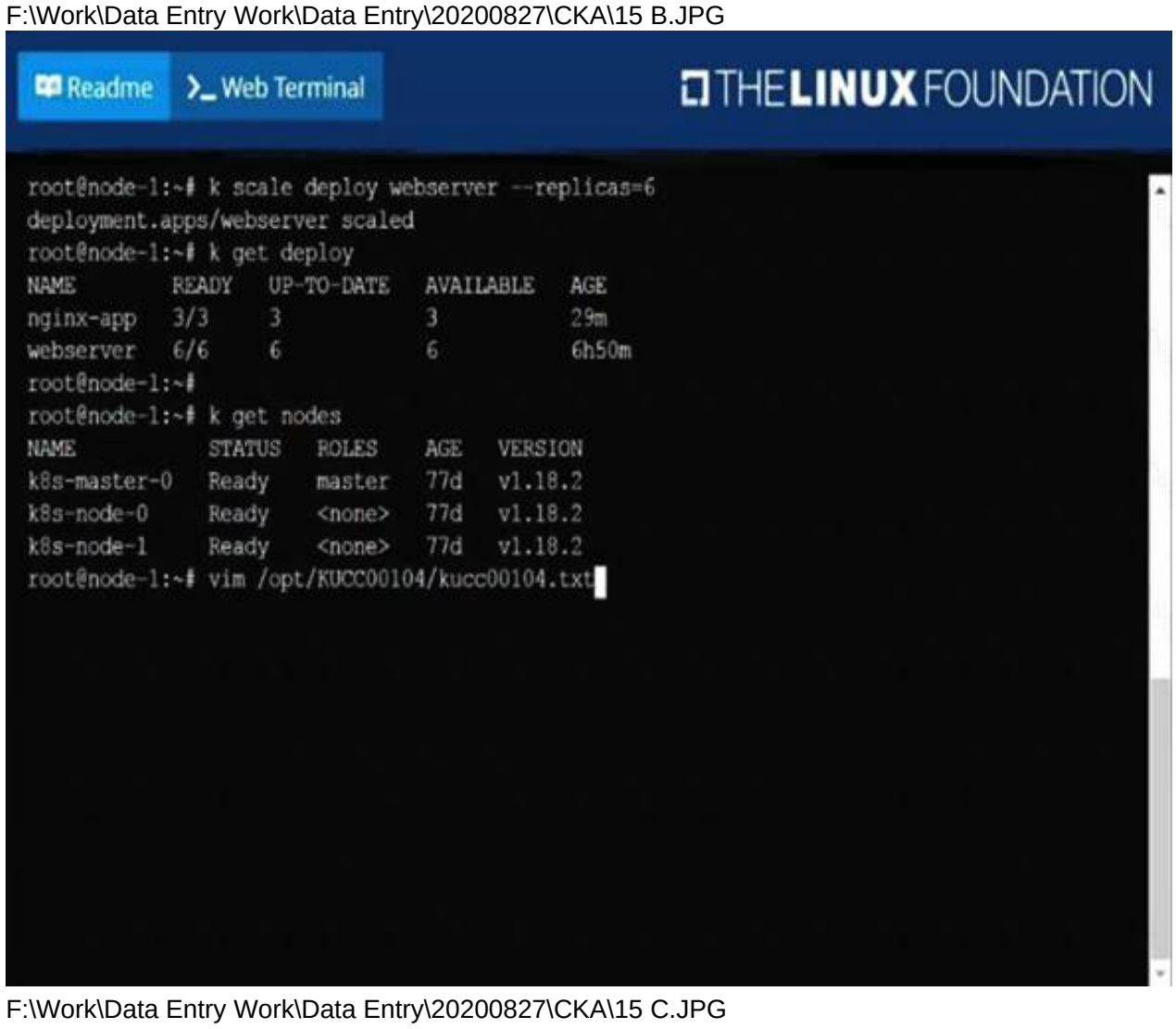

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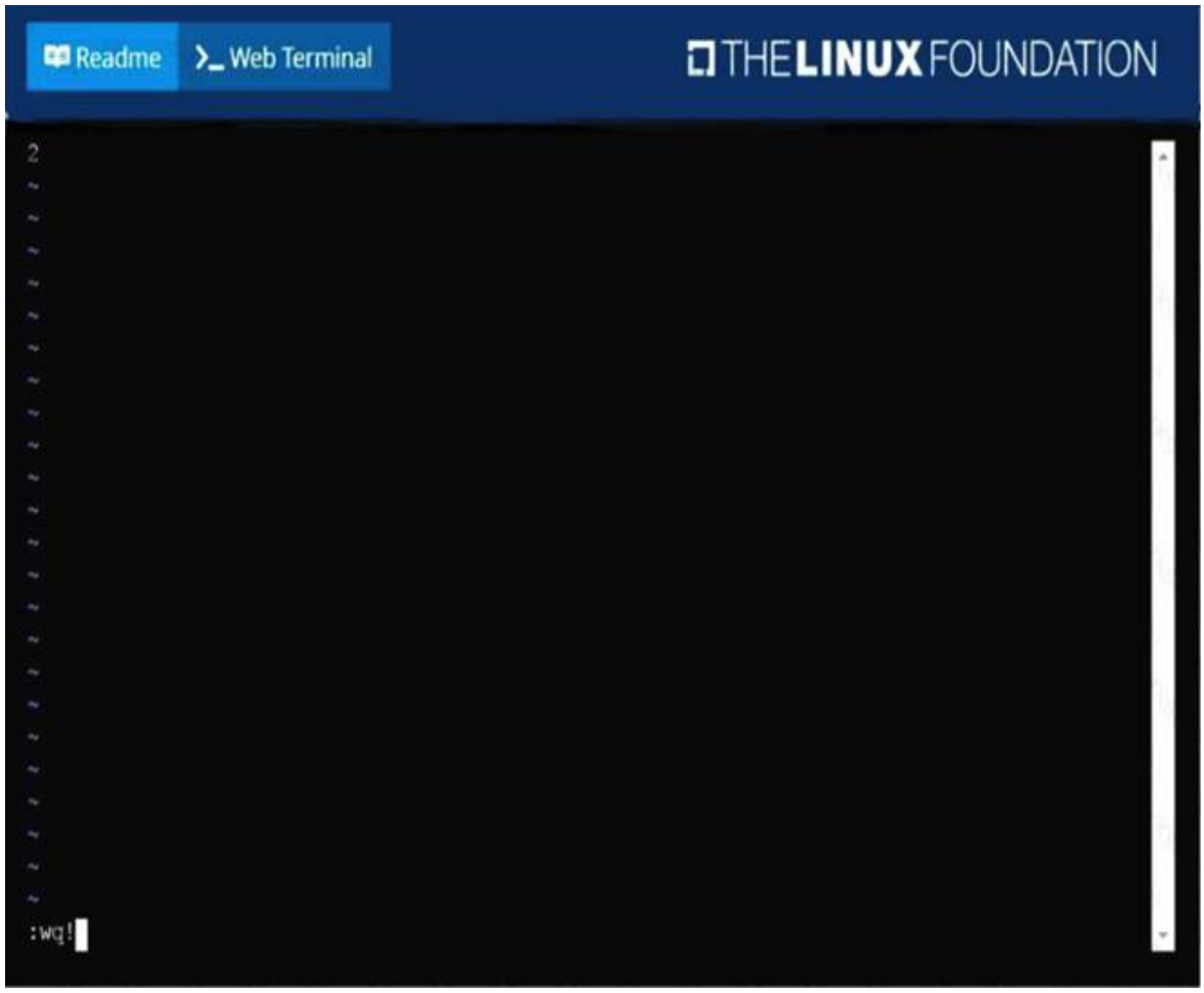

NEW QUESTION 42
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