3. Set configuration context $ kubectl config use-context k8s
Ensure a single instance of Pod nginx is running on each node of the kubernetes cluster where nginx also represents the image name which has to be used. Do no override any taints currently in place.
Use **Daemon sets** to complete this task and use ds.kusc00201 as Daemonset name.

答案：
```
apiVersion: extensions/v1beta1
kind: DaemonSet
metadata:
 name: ds.kusc00201
spec:
 template:
  metadata:
   labels:
    app: busybox
  spec:
   containers:
   - name: nginx
     image: nginx
```

这题的 ds 的名字是 ds.kusc00201

15. Set configuration context $ kubectl config use-context k8s
Check to see how many nodes are ready (not including nodes tainted NoSchedule) and write the number to /opt/nodenum

答案

kubectl get node | grep -i ready | wc -l

这题通过 kubectl get node | grep -i ready | wc –l 获取一个数 n

通过下面的命令
```
[root@vms51 ~]# kubectl describe nodes | grep Taints | grep -i noschedule | wc -l
1
[root@vms51 ~]#
```
得到一个数 m

答案填写 n-m 得到的值

19. Set configuration context $ kubectl config use-context *ek8s*
Set the node labelled with name=ek8s-node-1 as unavailable and reschedule all the pods running on it.

kubectl get node --show-labels |grep name=ek8s-node-1
#找出 node ek8s-node-1

答案1
kubectl drain ek8s-node-1 --ignore-daemonsets

或者

答案2
kubectl cordon ek8s-node-1
然后找到所有运行在其上的pod
kubectl get nodes -o wide | grep 'ek8s-node-1'
删除运行此node上的pod

此题:
kubectl get node --show-labels |grep name=ek8s-node-1
#找出 node xxx
kubectl cordon xxxx
然后删除 这个节点上的 pod
这样做，铁定不扣分

kubectl drain xxx --ignore-daemonsets
此时会把 xx 设置为 unavailable
并会自动把上面的 pod 迁移到其他地方去