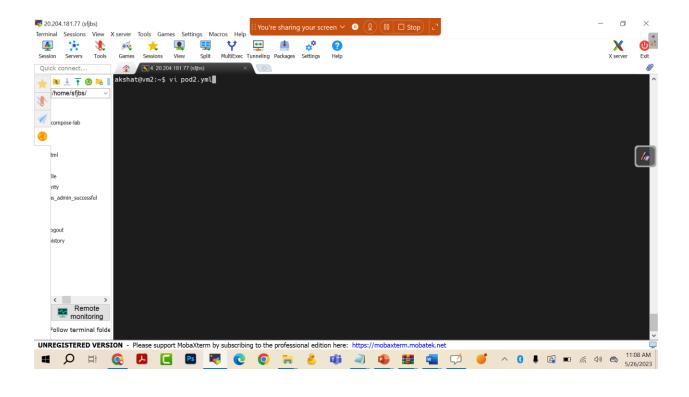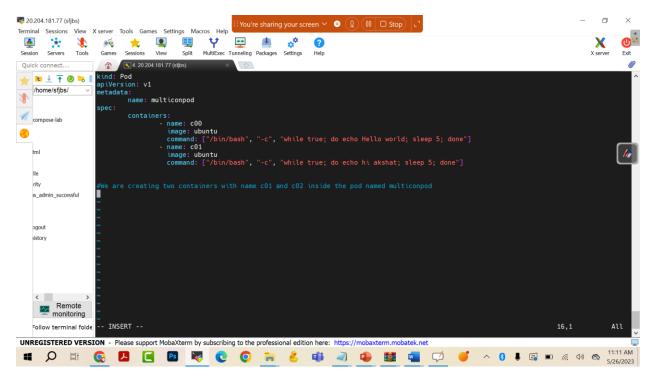Kubernetes – 3

kubectl delete pod testpod

```
akshat@vm2:~$ vi pod2.yml
```

```
kind: Pod
apiVersion: v1
metadata:
        name: multiconpod
spec:
        containers:
                - name: c00
                  image: ubuntu
                  command: ["/bin/bash", "-c", "while true; do echo Hello world; sleep 5; done"]
                - name: c01
                  image: ubuntu
                  command: ["/bin/bash", "-c", "while true; do echo hi akshat; sleep 5; done"]

#We are creating two containers with name c01 and c02 inside the pod named multiconpod
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
-- INSERT --                                                                    16,1          All
```

```yaml
kind: Pod
apiVersion: v1
metadata:
        name: multiconpod
spec:
        containers:
                - name: c00
                  image: ubuntu
                  command: ["/bin/bash", "-c", "while true; do echo Hello world; sleep 5; done"]
                - name: c01
                  image: ubuntu
                  command: ["/bin/bash", "-c", "while true; do echo hi akshat; sleep 5; done"]


#We are creating two containers with name c01 and c02 inside the pod named multiconpod
~
~
~
~
~
~
~
~
~
~
-- INSERT --                                                              16,1          All
```

```
akshat@vm2:~$ vi pod2.yml
akshat@vm2:~$ kubectl apply -f pod2.yml
```

o/p:

Terminal screenshot 1:

```
Node-Selectors:                    <none>
Tolerations:                       node.kubernetes.io/not-ready:NoExecute op=Exi
sts for 300s
                                   node.kubernetes.io/unreachable:NoExecute op=E
xists for 300s
Events:
  Type     Reason      Age     From               Message
  ----     ------      ----    ----               -------
  Normal   Scheduled   2m29s   default-scheduler  Successfully assigned defau
lt/multiconpod to minikube
  Normal   Pulling     2m29s   kubelet            Pulling image "ubuntu"
  Normal   Pulled      2m27s   kubelet            Successfully pulled image "
ubuntu" in 2.02716096s (2.02718446s including waiting)
  Normal   Created     2m26s   kubelet            Created container c00
  Normal   Started     2m26s   kubelet            Started container c00
  Normal   Pulling     2m26s   kubelet            Pulling image "ubuntu"
  Normal   Pulled      2m24s   kubelet            Successfully pulled image "
ubuntu" in 2.077053882s (2.077065282s including waiting)
  Normal   Created     2m24s   kubelet            Created container c01
  Normal   Started     2m24s   kubelet            Started container c01
akshat@vm2:~$
```


Terminal screenshot 2:

```
akshat@vm2:~$ kubectl logs -f multiconpod c00
```

```
akshat@vm2:~$ kubectl logs -f multiconpod c01
```

```
akshat@vm2:~$ kubectl exec multiconpod -it -c c00 -- /bin/bash
root@multiconpod:/#
```
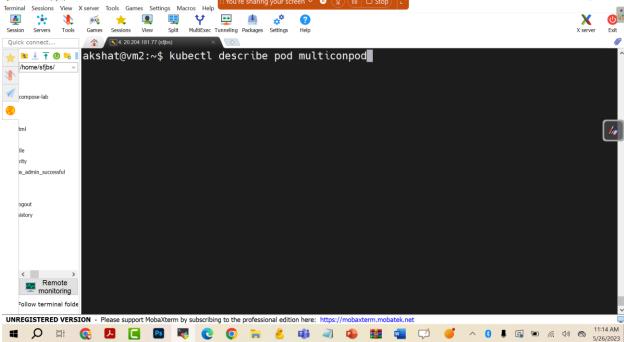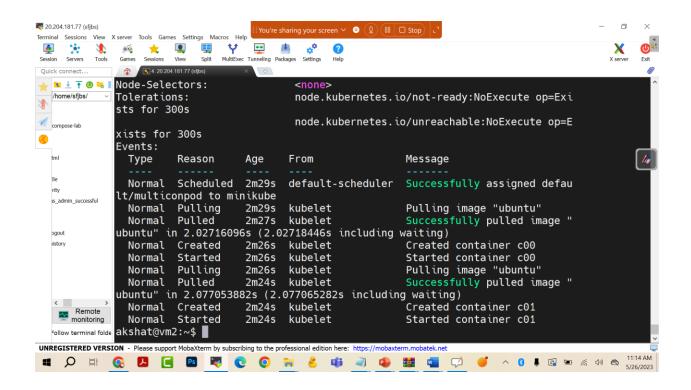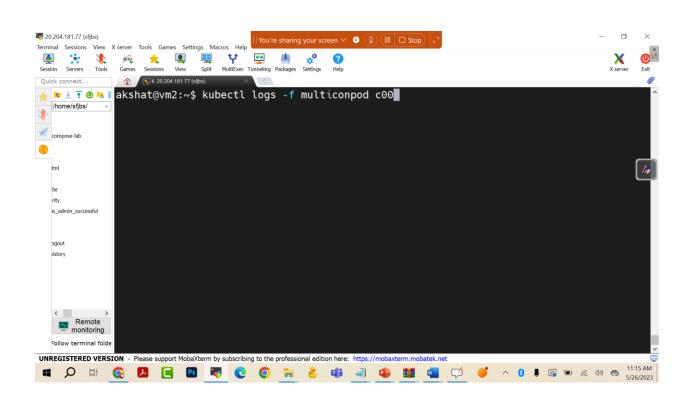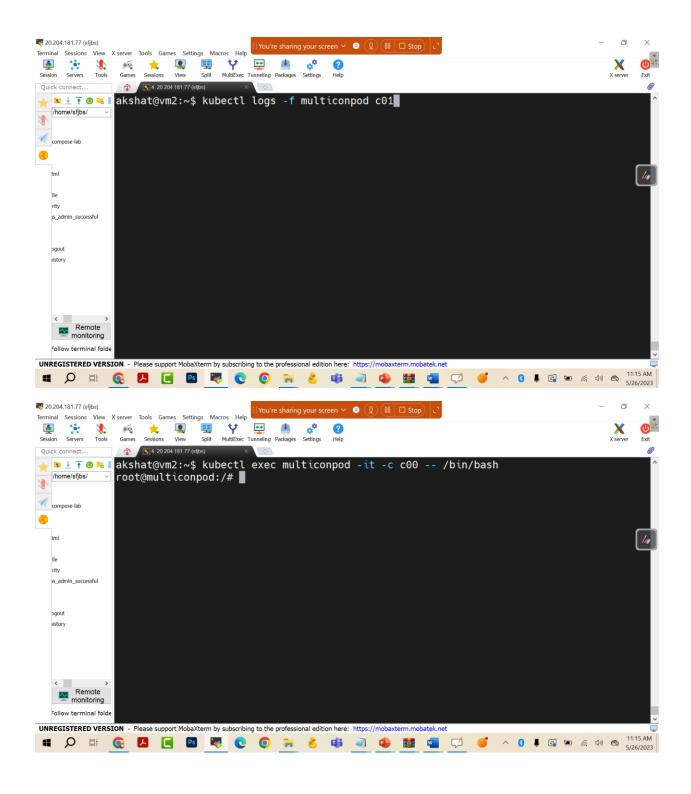
(with exec command you will enter inside the container c00)