**Lab Exercise 21- Jobs in Kubernetes**

Step 1: Create a Kubernetes Job

Create a file named **simple-job.yaml** with the following content:

apiVersion: batch/v1

kind: Job

metadata:

name: simple-job

spec:

template:

spec:

containers:

- name: simple-job

image: busybox

command: ["sh", "-c", "echo Hello from pod $(hostname); sleep 5"]

restartPolicy: Never

**Apply the Job**

Use the kubectl apply command to create the job:

kubectl apply -f simple-job.yaml

**Check the Job Status**

Check the status of the job to see its progress:

kubectl get jobs

You should see output indicating the number of completions and the parallelism.

**Check the Pods Status**

List the pods created by the job:

kubectl get pods --selector=job-name=simple-job

You should see multiple pods running or completed.

**View Logs of Completed Pods**

To see the output of the job, you need to find the names of the completed pods and then view their logs:

kubectl logs POD\_NAME

The output should display Hello from pod <pod-name> for each pod.