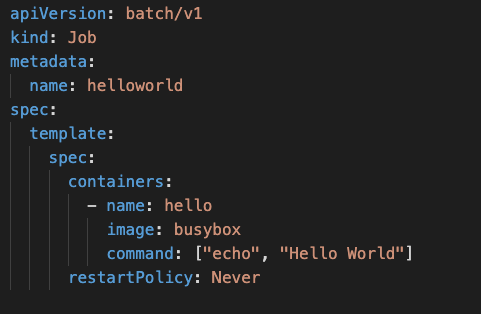
Lab 6.6 Jobs

1. Create a job.yml file as shown below:

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1. Create a Job

**kubectl create -f job.yml**

1. Check the completion status of the job

**kubectl get jobs**

1. Have a look at the logs of the Pod

**kubectl logs -f <podName>**

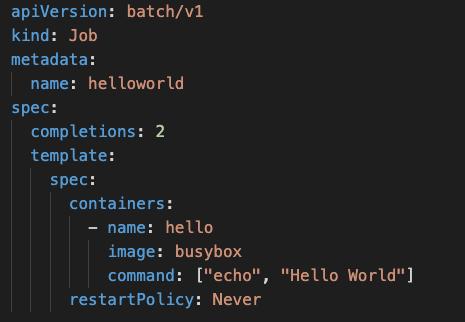
1. Have a look at more details of the Job

**kubectl describe job**

1. Delete the Job

**kubectl delete job helloworld**

1. Add the completions and set it to value 2

****

1. Create the Job and test how many times it executes

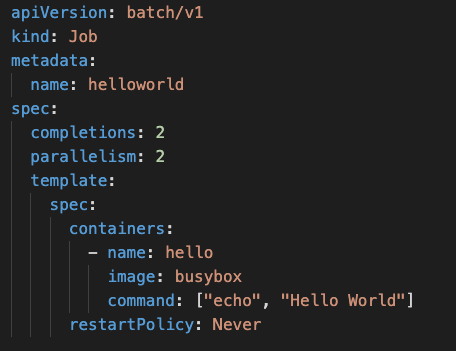
**kubectl create -f job.yml**

**kubectl get jobs**

1. Delete the Job

**kubectl delete job helloworld**

1. Add Parallelism to the job

****

1. Create the Job

**kubectl create -f job.yml**

1. Check that 2 pods get executed at one go in parallel

**kubectl get all**

1. Delete the Job

**kubectl delete job helloworld**

1. Change the command so that it fails and notice how many time it restarts

****

1. Create the Job again and check status. Because of the error it will go on creating a new pod infinitely till the job is getting failed

**kubectl create -f job.yml**

**kubectl get all**

1. Delete the job again

**kubectl delete job helloworld**

1. Set the backoffLimit to limit the number of times it restarts because of failure



1. Create the Job and check the Number of restarts is set to a number

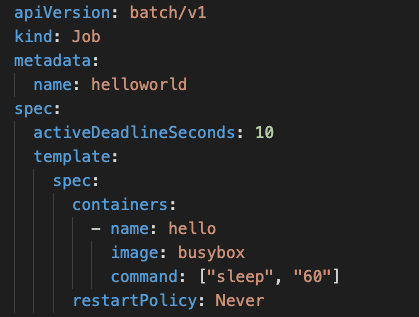
**kubectl create -f job.yml**

**kubectl get all**

1. Delete the job

**kubectl delete job helloworld**

1. Add a time limit to how long a job should execute and if it crosses this limit, fail the job

****

1. Create the Job and check the status

**kubectl create -f job.yml**

**kubectl get all**