	Replice Set:
•	
þs	Replica set is a resource like
	pods
b	Monoye multiple copies of
	Pods
	DOD 7
	-> Application Contains
	Contract
	$\mathcal{O}$ 1.
	Replices = 4
	$m{\prime}$
	There will be 4 pody
	PI PZ P3 P3
(	Suppose Pad-4 crashy
	1440st 1601-9 CN05. 5
Ke	plice Sel-will automatically rent new poct.
	rank 1001 1 Dack
C	and the proof

Replica Set-ensures that Pod is always running. Nude 1 => If Nocle 1 frilg PODA then [ pod A nill not se recreated POD BJ but / Pod B Jwill & recreated on Suppose POD-B is created Loungh replicu sel-Node-2 Replica Set- hay 3 essential parts. -> hobel Selector -> Replier Count -> Pod template

$\sim$	
	Demo
١١	Cruting Replica Sel Deletil Pad Change label of pod
2,	Dalate Cod
3 \	Change labol et oud
)	
	If you want to delete all ports delete replice set
ь	deleti replica sel-
18	If you want to keep pads
	Er you just wont to delete
	replica set
	- hame
	-> Kubect-l delete re myrs)
	-> Kubect-l delete rs (myrs) cuscade: Julse
	-> Scaling Replicer
	January Light Congression of the
	V — V
	Kubect l scale às myrs -replicas:5
	0

Nelvantages: \* High Availability

Noul Balancing - just is a resource in knowneter. - Ilis busically a pod which we create funder the type (1-ind: job) - A job resourch is used to create a pad which terminates automatically when the defined job of that pold successfully completed.

Job :.

kind: Job apiVersion: batch/v1 metadata: name: myjob spec: template: spec: containers: - name: job-container image: usama9876/firstdocker-app ports: - containerPort: 80 restartPolicy: Never backoffLimit: 4 activeDeadlineSeconds: 120

Cron Jos: Cron Jos is used (v schedule jos at later time & can be set to initiate the job again on provided time gap Example \_\_\_\_\_ Daily Backups En the pod.



kind: CronJob
apiVersion: batch/v1
metadata:
name: mycronjob
spec:
schedule: "\* \* \* \* \* \*"
jobTemplate:
spec:
template:
spec:
containers:
- name: job-container
image: usama9876/firstdocker-app
restartPolicy: Never

Assignment # 2: