1- Install k8s cluster (minikube)

2- Create a pod with the name `redis` and with the image `redis`.

3- Create a pod with the name `nginx` and with the image "`nginx123`"
     Use a pod-definition YAML file.

4- What is the nginx pod status?

5- Change the nginx pod image to "nginx" check the status again

6- How many ReplicaSets exist on the system?

7- create a ReplicaSet with
     name= replica-set-1
     image= busybox
     replicas= 3

8- Scale the ReplicaSet replica-set-1 to 5 PODs.

9- How many PODs are READY in the `replica-set-1`?

10- Delete any one of the 5 PODs then check How many PODs exist now?
     Why are there still 5 PODs, even after you deleted one?

11- How many Deployments and ReplicaSets exist on the system?

12- create a Deployment with
      name= deployment-1
      image= busybox
      replicas= 3

13- How many Deployments and ReplicaSets exist on the system now?

14- How many pods are ready with the deployment-1?

15- Update deployment-1 image to nginx then check the ready pods again

16- Run kubectl describe deployment deployment-1 and check events
      What is the deployment strategy used to upgrade the deployment-1?

17- Rollback the deployment-1
     What is the used image with the deployment-1?

18- Create a deployment using nginx image with latest tag only and remember to mention tag i.e nginx:latest and name it as nginx-deployment. App labels should be app: nginx-app and type: front-end. The container should be named as nginx-container; also make sure replica counts are 3.