1.

2.

3.

```
C:\Users\karun>ibmcloud cr login
Logging 'docker' in to 'icr.io'...
Logged in to 'icr.io'.

OK

C:\Users\karun>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.

OK

C:\Users\karun>ibmcloud cr namespace-add ibm-project
No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.

Adding namespace 'ibm-project' in resource group 'Default' for account Karun Anantharaman's Account in registry icr.i
o...

Successfully added namespace 'ibm-project'

OK

C:\Users\karun>docker tag jobportal icr.io/ibm-project/jobportal:v1

C:\Users\karun>docker push icr.io/ibm-project/jobportal:v1
The push refers to repository [icr.io/ibm-project/jobportal]
e625f2d5b17a: Pushed
5b2bedf8a728: Pushed
603206459b02: Pushed
8d943596bffc: Pushed
51e998f9a3d7: Pushed
9938cb82df4c: Pushed
570d66224c69: Pushed
a8f9e3c1138b: Pushed
74f8a626d86f: Pushed
v1: digest: sha256:e63a7c31f5edbc34cf884fb7debffcf00454033defdd26145602b6bf5899e31e size: 2206

C:\Users\karun>
```

4.

```
flask_app> ibmcloud ks cluster config --cluster mycluster-free
OK
The configuration for mycluster-free was downloaded successfully.
Added context for mycluster-free to the current kubeconfig file.
You can now execute 'kubectl' commands against your cluster. For example, run 'kub
ectl get nodes'.
 for a few seconds while RBAC synchronizes.
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\
deployment.apps/jobportal-deployment created
service/lb-service created
flask_app> kubectl get pods
NAME                                     READY   STATUS    RESTARTS   AGE
jobportal-deployment-6786c64594-2459g    1/1     Running   0          31s
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\
Error from server (NotFound): pods "logs" not found
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\
flask_app> kubectl get logs
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\
flask_app> kubectl logs
error: expected 'logs [-f] [-p] (POD | TYPE/NAME) [-c CONTAINER]'.
POD or TYPE/NAME is a required argument for the logs command
See 'kubectl logs -h' for help and examples
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\
flask_app> kubectl logs -p jobportal-deployment-6786c64594-2459g
Error from server (BadRequest): previous terminated container "jobportal" in pod "
jobportal-deployment-6786c64594-2459g" not found
PS C:\Users\karun\Documents\IBM-Project-Repo\Assignments\Team Member 1 - Karun\A4\flask_app> kubectl logs jobportal-deployment-6786c64594-2459g
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://172.30.237.75:5000
Press CTRL+C to quit
```