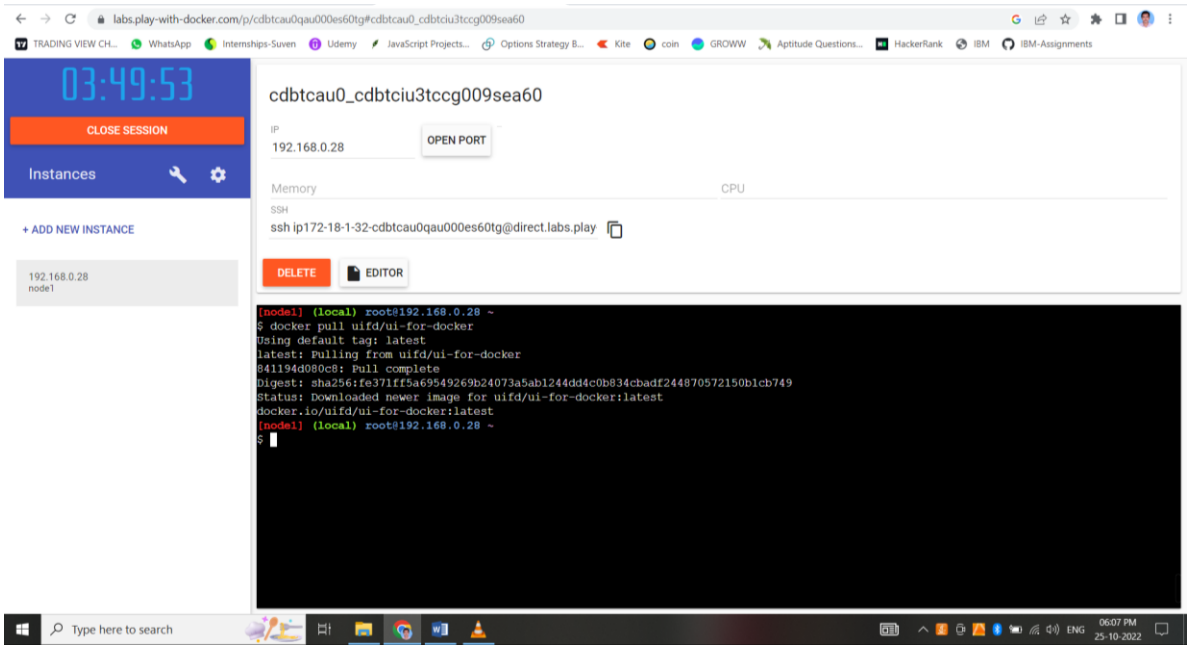
Assignment -4

Assignment Date	07 October 2022
Student Name	C S Srinandhan
Student Roll Number	311519104057
Maximum Marks	2 Marks

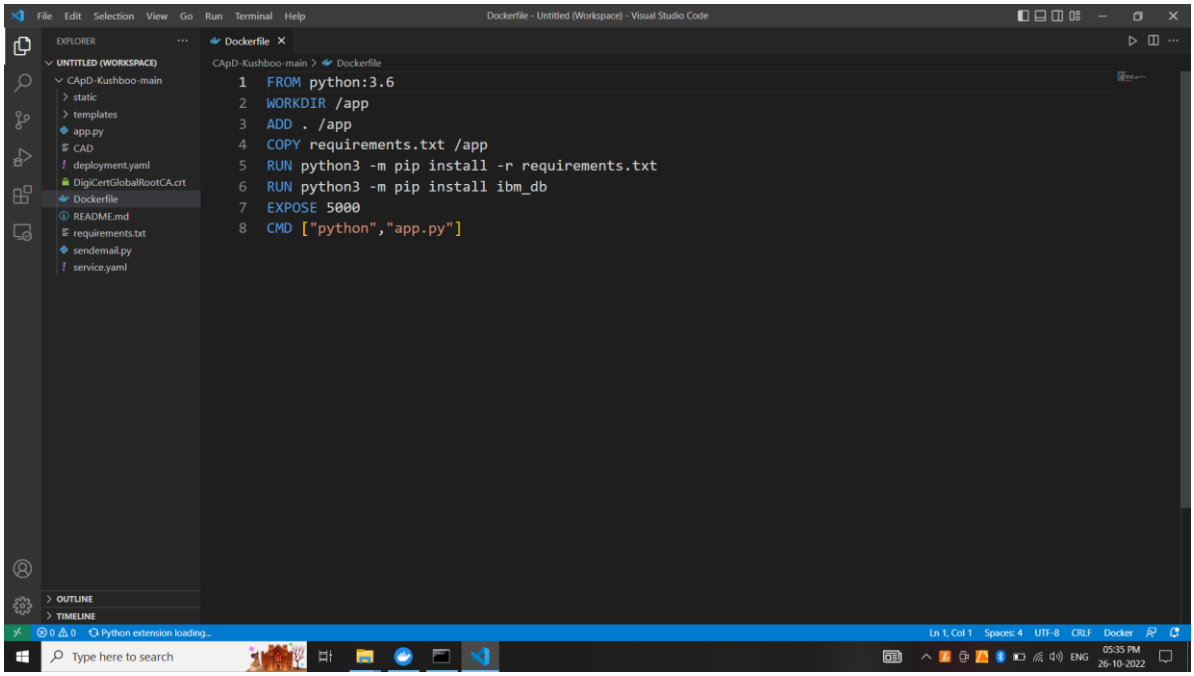
Ouestion 1:

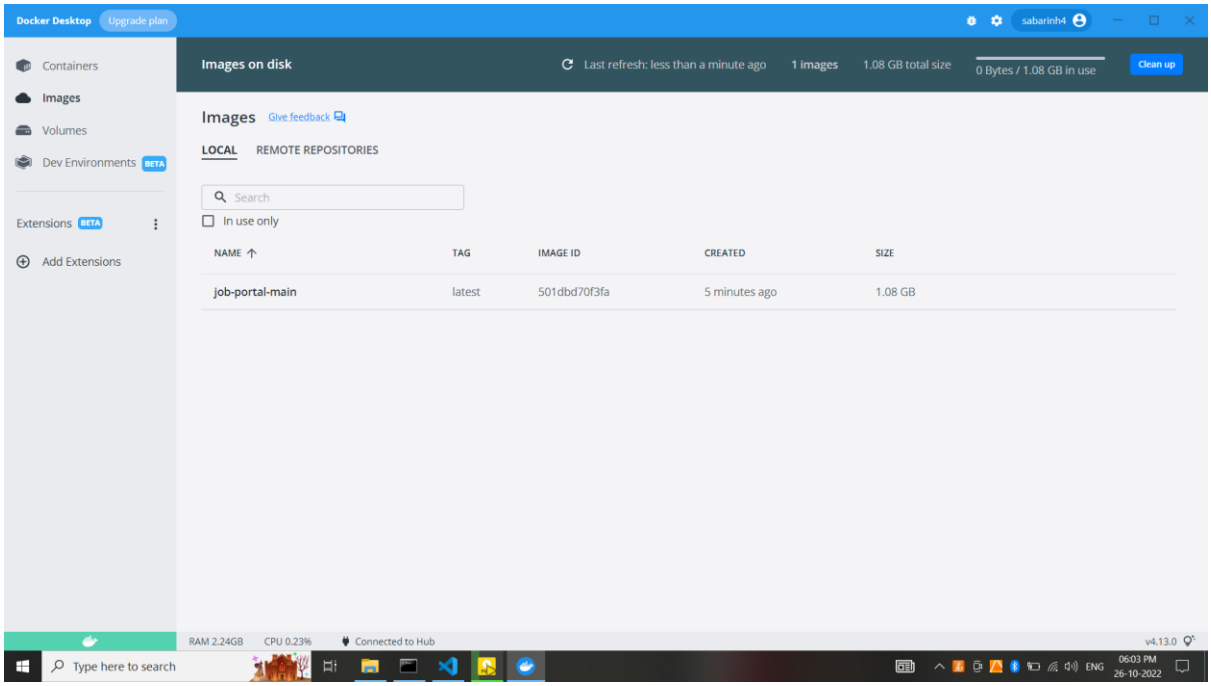
1. Pull an Image from docker hub and run it in docker playground



Ouestion 2:

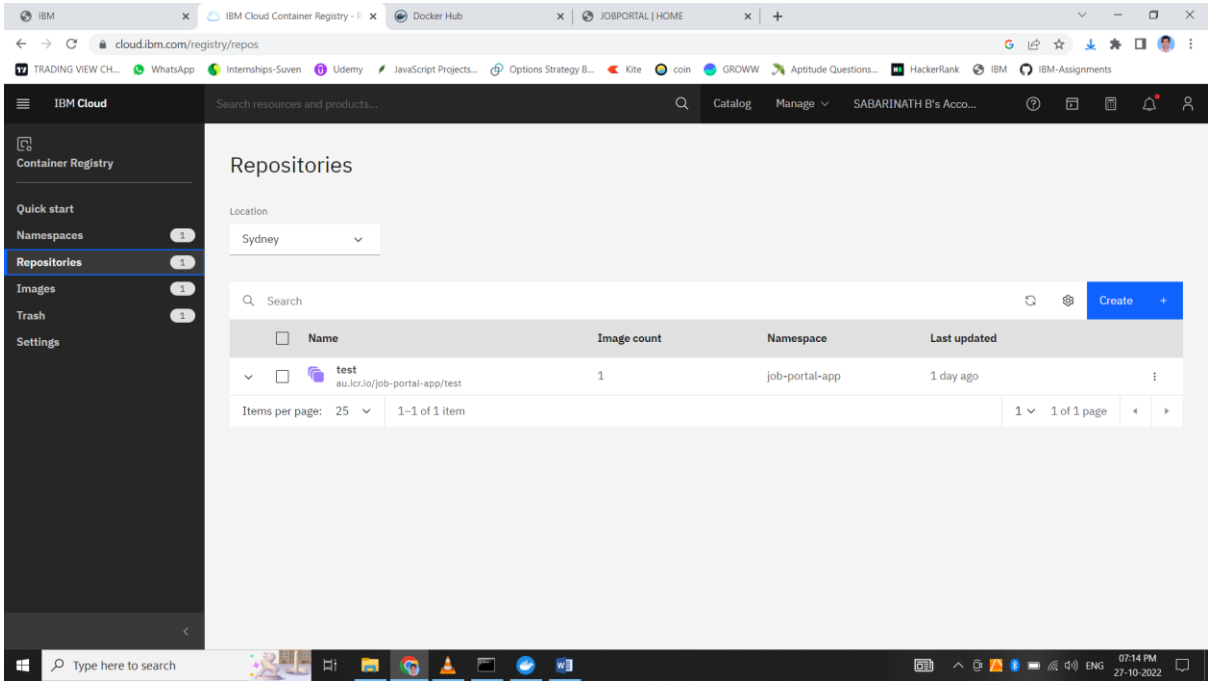
2. Create a docker file for the jobportal application and deploy it in Docker desktop application.

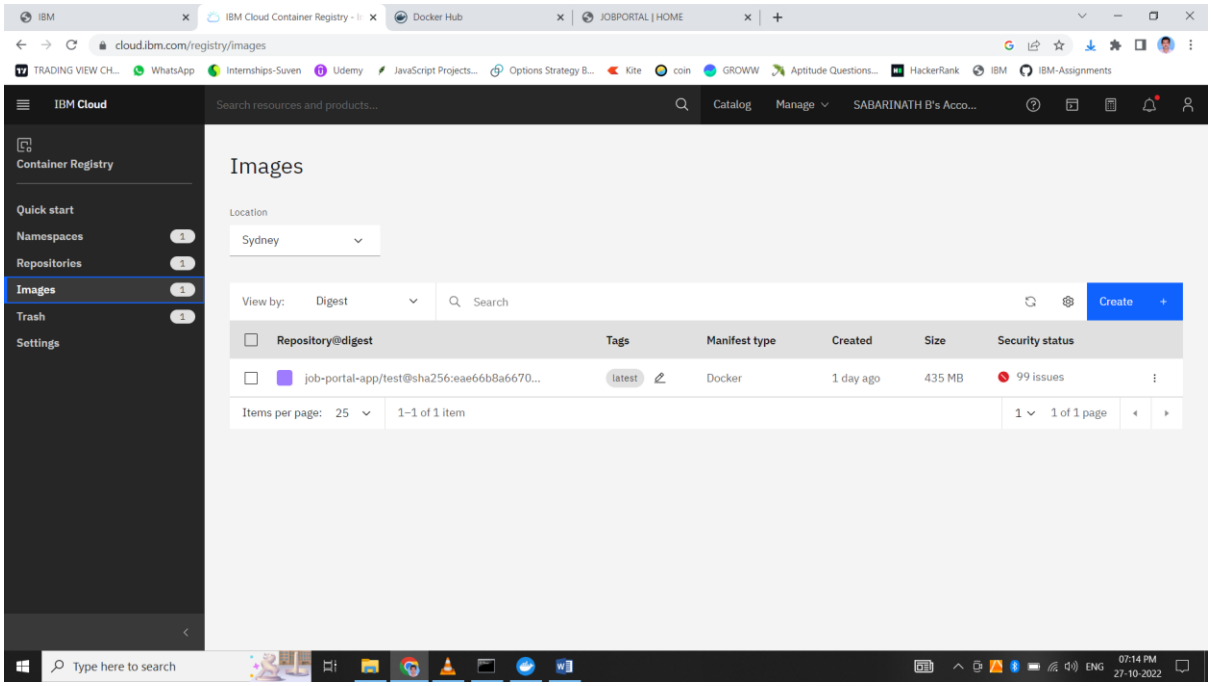


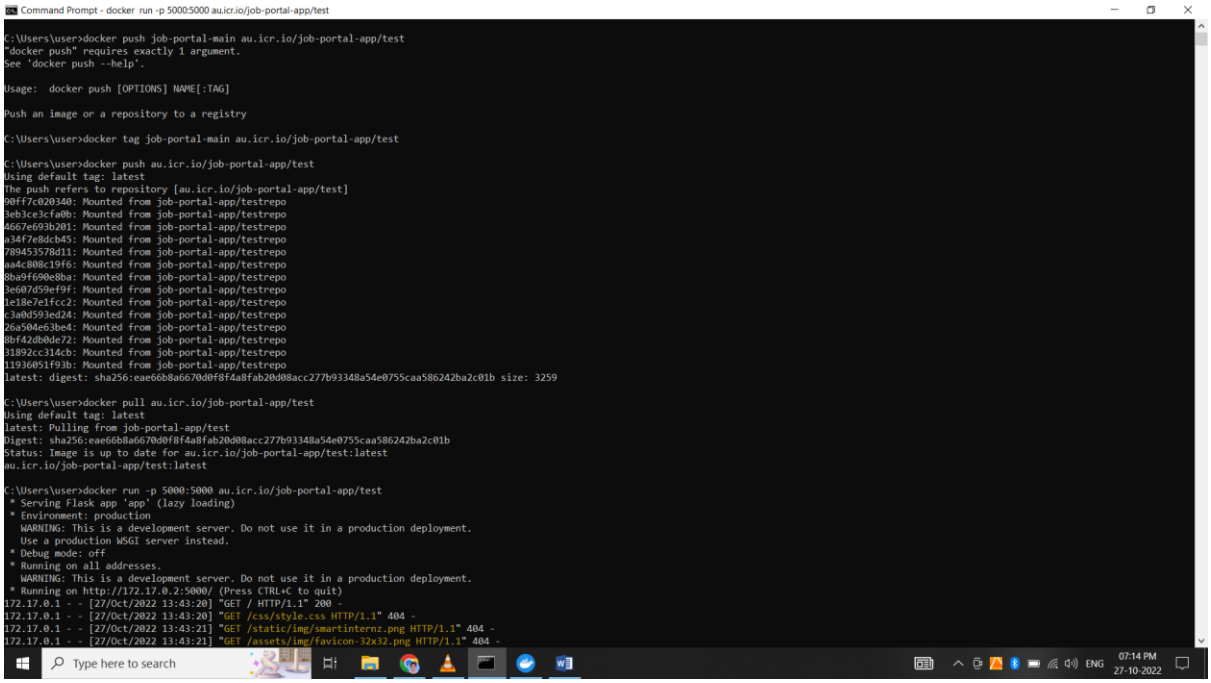


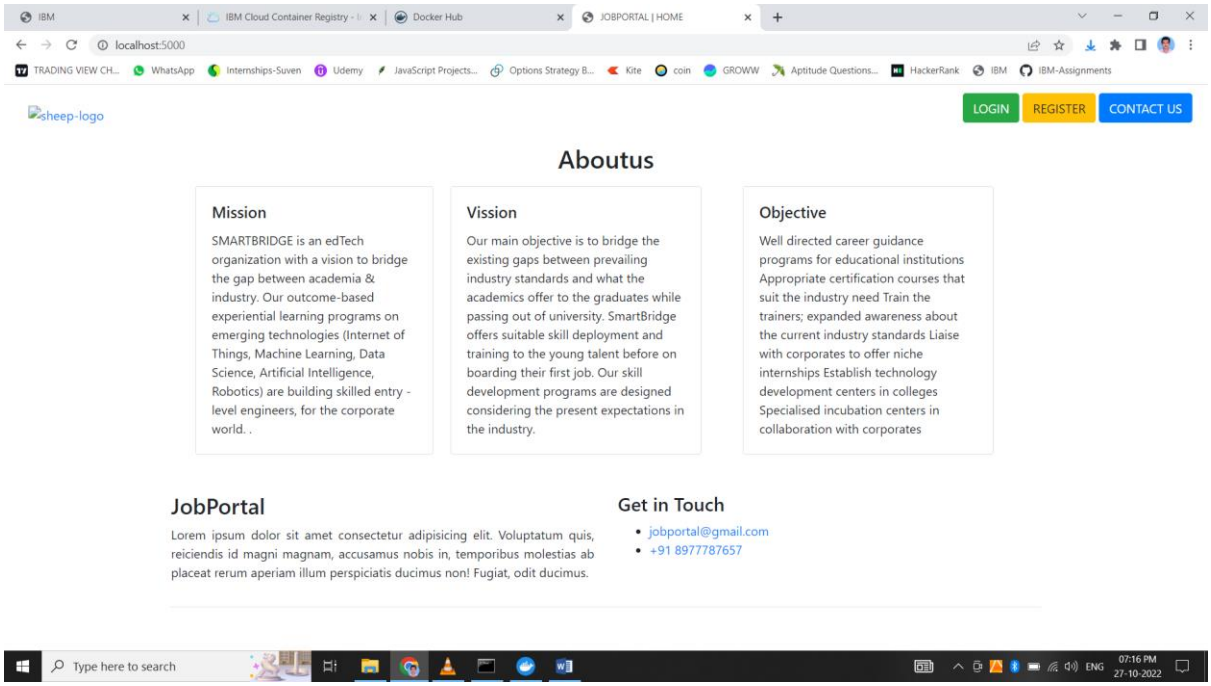
Ouestion 3:

3. Create a IBM container registry and deploy helloworld app or jobportalapp.



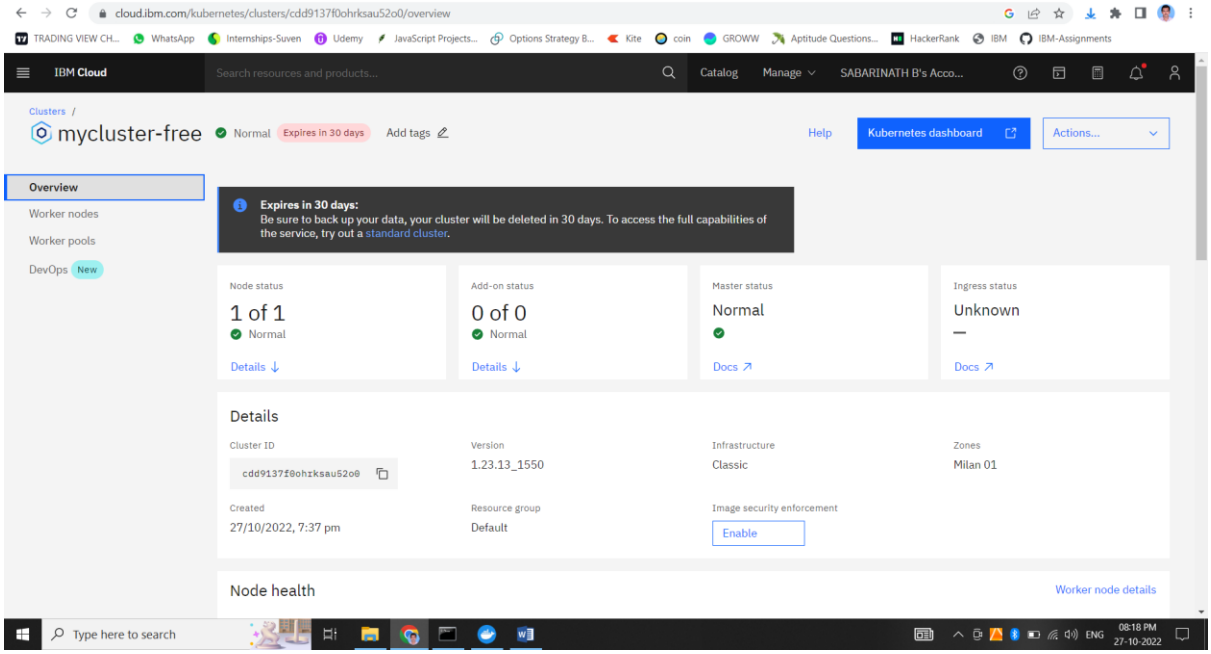

IBM
IBM Cloud Container Registry
Docker Hub
JOBPORTAL | HOME
cloud.ibm.com/registry/images
IBM Cloud
Search resources and products...
Catalog
Manage
SABARINATH B's Acco...
Container Registry
Quick start
Namespaces 1
Repositories 1
Images 1
Trash 1
Settings
Images
Location
Sydney
View by: Digest
Search
Create
Repository@digest
Tags
Manifest type
Created
Size
Security status
job-portal-app/test@sha256:eae66b8a6670...
latest
Docker
1 day ago
435 MB
99 issues
Items per page: 25
1–1 of 1 item
1 of 1 page
Type here to search
ENG
07:14 PM
27-10-2022

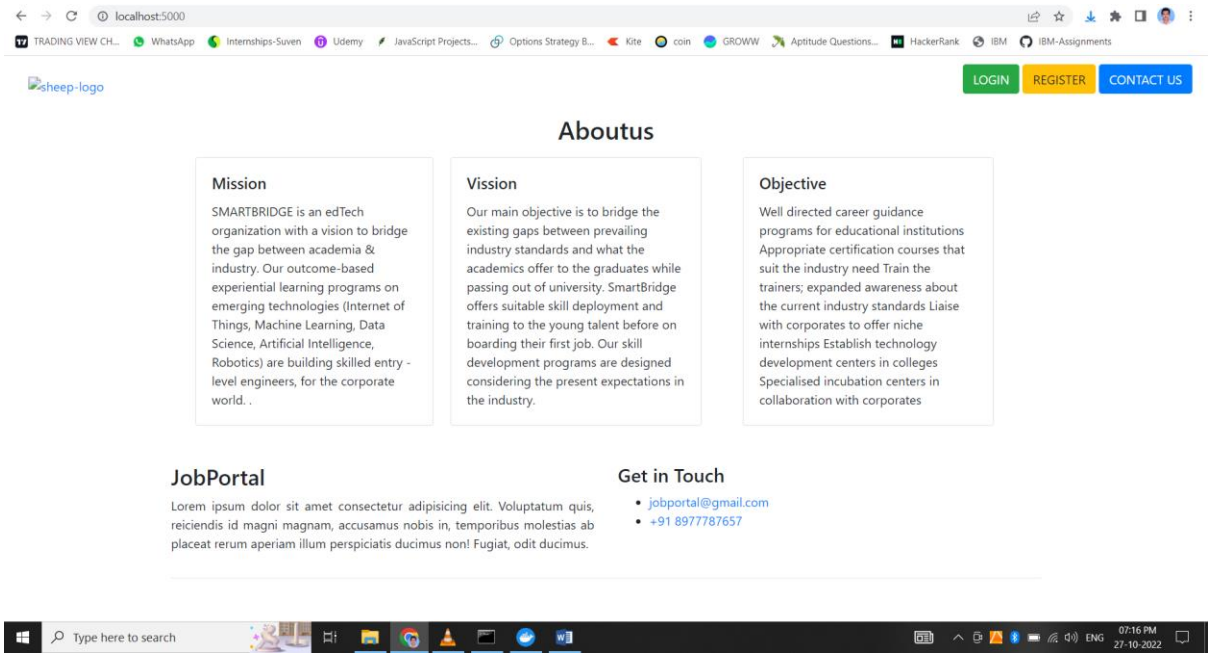

Command Prompt - docker run -p 5000:5000 au.icr.io/job-portal-app/test
C:\Users\user>docker push job-portal-main au.icr.io/job-portal-app/test
"docker push" requires exactly 1 argument.
See 'docker push --help'.
Usage: docker push [OPTIONS] NAME[:TAG]
Push an image or a repository to a registry
C:\Users\user>docker tag job-portal-main au.icr.io/job-portal-app/test
C:\Users\user>docker push au.icr.io/job-portal-app/test
Using default tag: latest
The push refers to repository [au.icr.io/job-portal-app/test]
90ff7c020340: Mounted from job-portal-app/testrepo
3eb3ce3cfa0b: Mounted from job-portal-app/testrepo
4667e693b201: Mounted from job-portal-app/testrepo
a34f7e8dcb45: Mounted from job-portal-app/testrepo
789453578d11: Mounted from job-portal-app/testrepo
aa4c808c19f6: Mounted from job-portal-app/testrepo
8ba9f690e8ba: Mounted from job-portal-app/testrepo
3e607d59ef9f: Mounted from job-portal-app/testrepo
1e18e7e1fcc2: Mounted from job-portal-app/testrepo
c3a0d593ed24: Mounted from job-portal-app/testrepo
26a504e63be4: Mounted from job-portal-app/testrepo
8bf42db0de72: Mounted from job-portal-app/testrepo
31892cc314cb: Mounted from job-portal-app/testrepo
11936051f93b: Mounted from job-portal-app/testrepo
latest: digest: sha256:eae66b8a6670d0f8f4a8fab20d08acc277b93348a54e0755caa586242ba2c01b size: 3259
C:\Users\user>docker pull au.icr.io/job-portal-app/test
Using default tag: latest
latest: Pulling from job-portal-app/test
Digest: sha256:eae66b8a6670d0f8f4a8fab20d08acc277b93348a54e0755caa586242ba2c01b
Status: Image is up to date for au.icr.io/job-portal-app/test:latest
au.icr.io/job-portal-app/test:latest
C:\Users\user>docker run -p 5000:5000 au.icr.io/job-portal-app/test
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://172.17.0.2:5000/ (Press CTRL+C to quit)
172.17.0.1 - - [27/Oct/2022 13:43:20] "GET / HTTP/1.1" 200 -
172.17.0.1 - - [27/Oct/2022 13:43:20] "GET /css/style.css HTTP/1.1" 404 -
172.17.0.1 - - [27/Oct/2022 13:43:21] "GET /static/img/smartinternz.png HTTP/1.1" 404 -
172.17.0.1 - - [27/Oct/2022 13:43:21] "GET /assets/img/favicon-32x32.png HTTP/1.1" 404 -
Type here to search
ENG
07:14 PM
27-10-2022



Ouestion 4:

4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.




localhost:5000
TRADING VIEW CH...
WhatsApp
Internships-Suven
Udemy
JavaScript Projects...
Options Strategy B...
Kite
coin
GROWW
Aptitude Questions...
HackerRank
IBM
IBM-Assignments
sheep-logo
LOGIN
REGISTER
CONTACT US
Aboutus
Mission
SMARTBRIDGE is an edTech organization with a vision to bridge the gap between academia & industry. Our outcome-based experiential learning programs on emerging technologies (Internet of Things, Machine Learning, Data Science, Artificial Intelligence, Robotics) are building skilled entry - level engineers, for the corporate world. .
Vission
Our main objective is to bridge the existing gaps between prevailing industry standards and what the academics offer to the graduates while passing out of university. SmartBridge offers suitable skill deployment and training to the young talent before on boarding their first job. Our skill development programs are designed considering the present expectations in the industry.
Objective
Well directed career guidance programs for educational institutions Appropriate certification courses that suit the industry need Train the trainers; expanded awareness about the current industry standards Liaise with corporates to offer niche internships Establish technology development centers in colleges Specialised incubation centers in collaboration with corporates
JobPortal
Lorem ipsum dolor sit amet consectetur adipisicing elit. Voluptatum quis, reiciendis id magni magnam, accusamus nobis in, temporibus molestias ab placeat rerum aperiam illum perspiciatis ducimus non! Fugiat, odit ducimus.
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jobportal@gmail.com
+91 8977787657
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27-10-2022