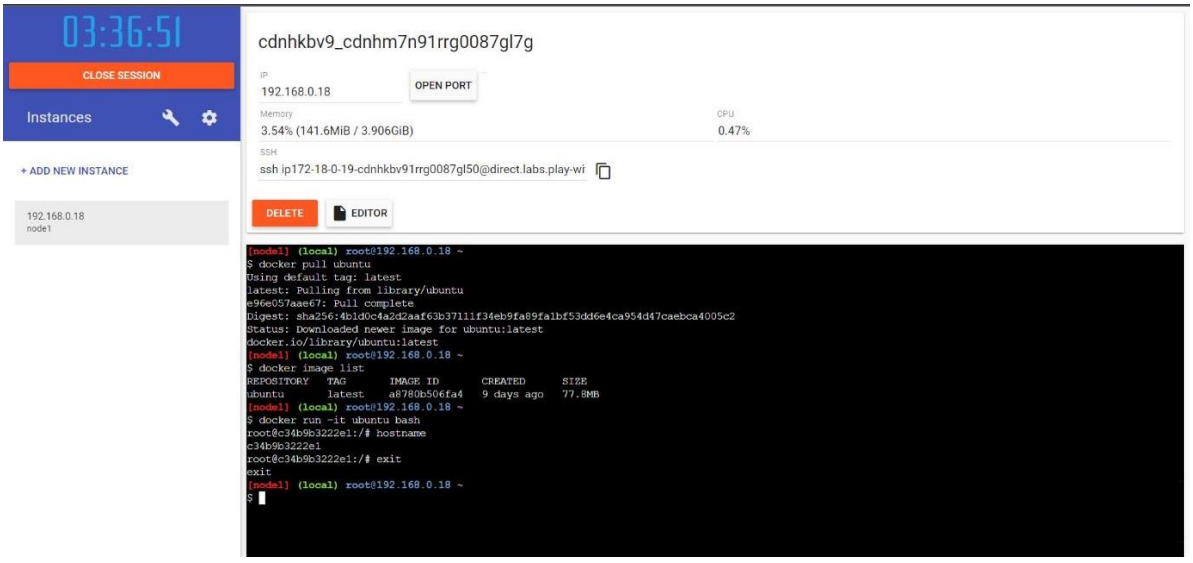
ASSIGNMENT-4

NAME:R.Aswin Vishal Kumar V M

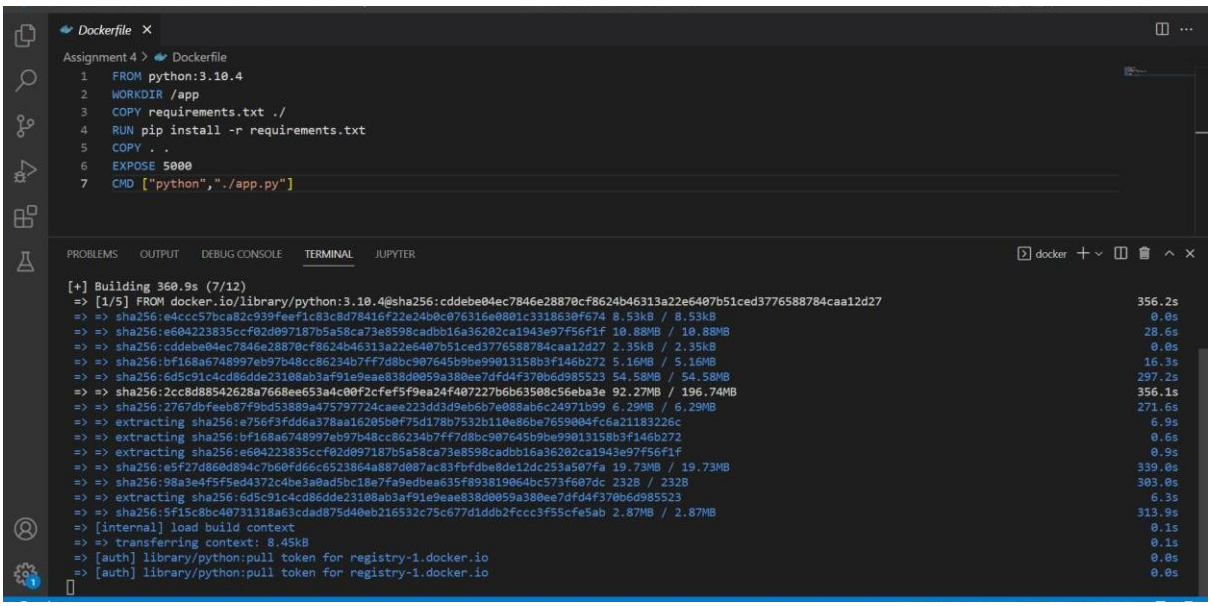
REGNO:715519104303

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



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

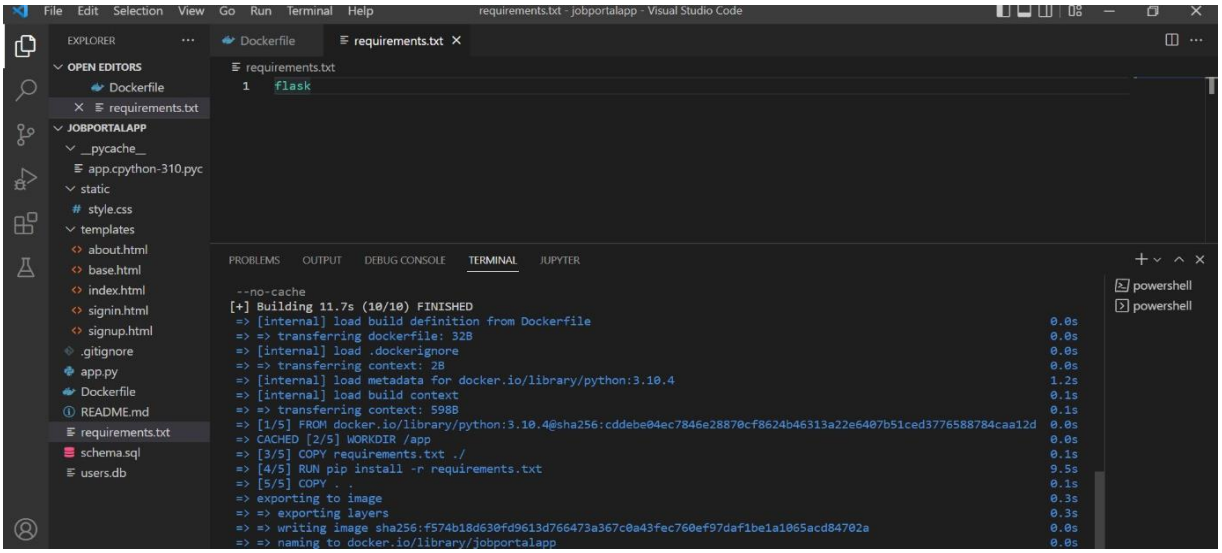
*Create docker file. Name as Dockerfile (without exetension) in your website code location



*build images using this command

docker build -t (filename as you create) . --no-cahe

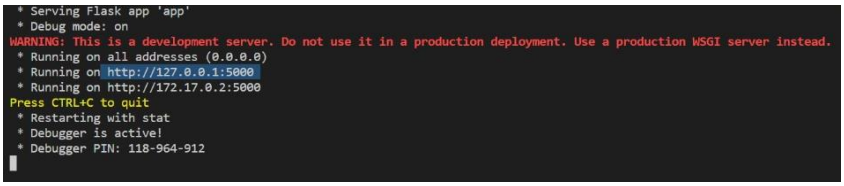
Example: ***docker build -t job-portal-app. --no-cahe***

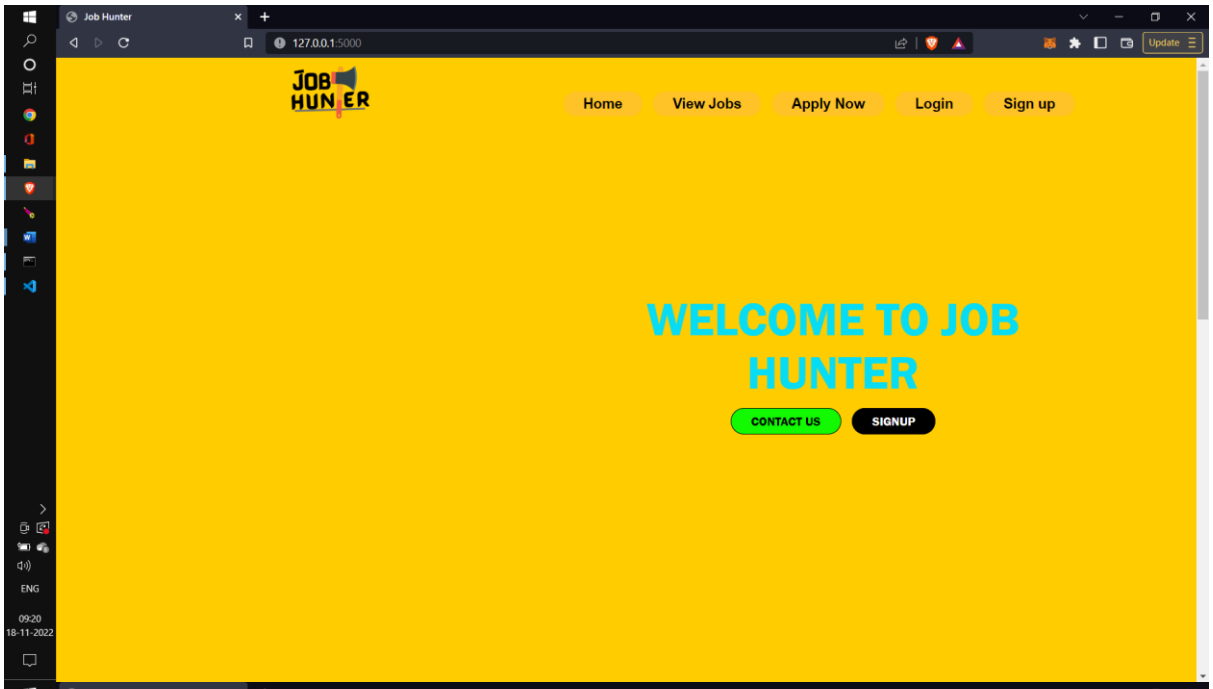


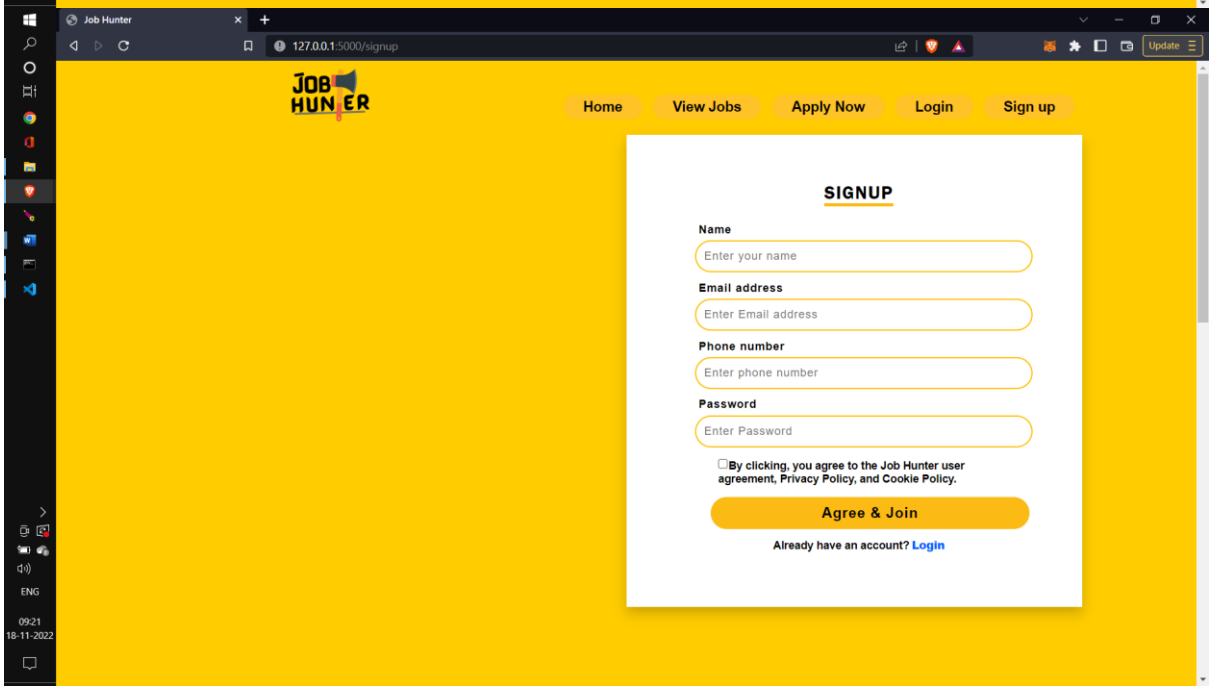
*run dockerfile using command

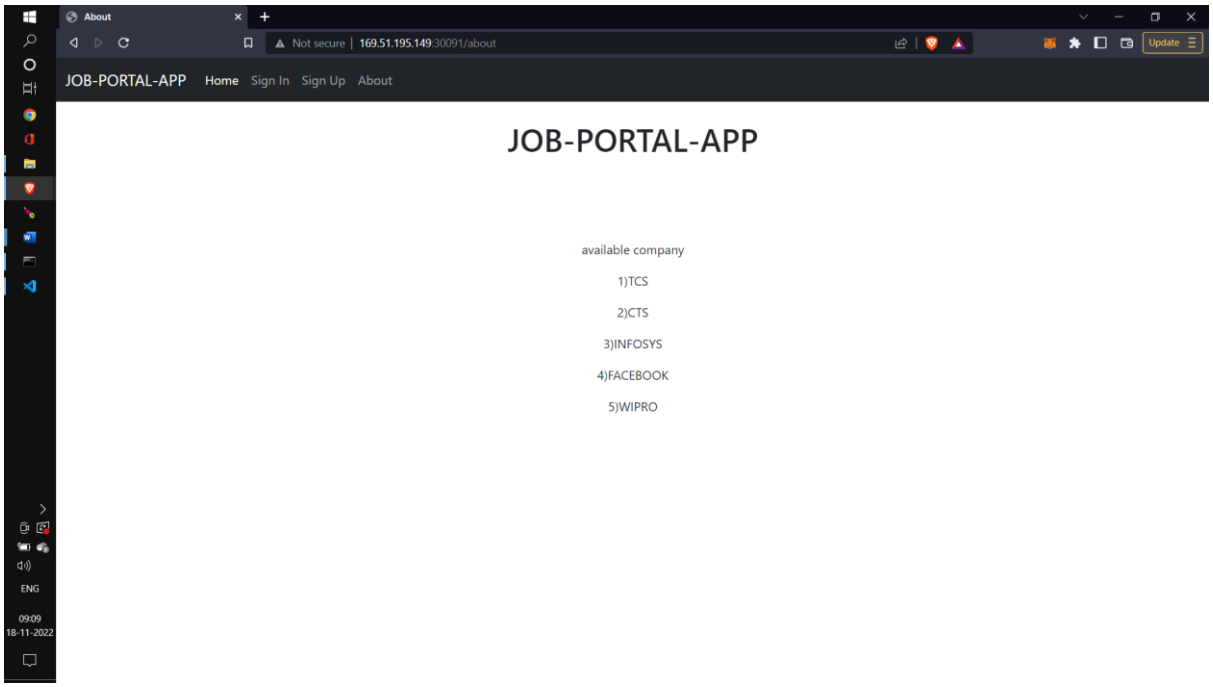
docker run -p 3000:5000 job-portal-app

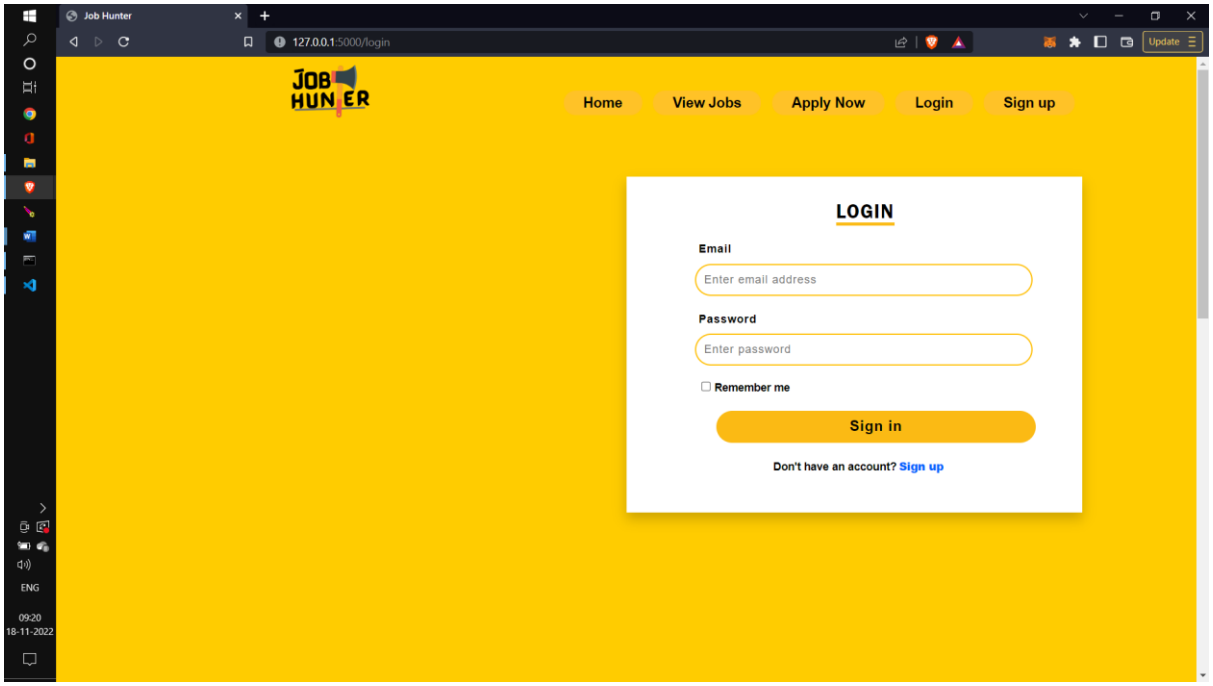
* you will get output in browser type "***localhost:3000***"

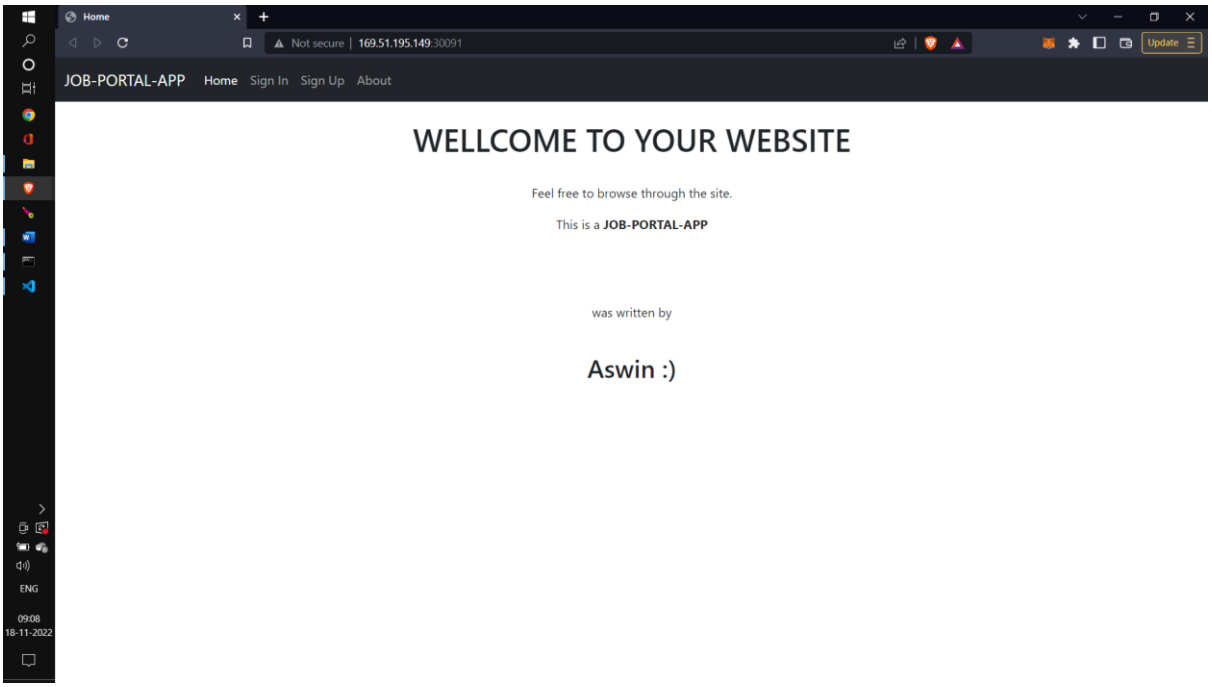



Job Hunter
127.0.0.1:5000
Update
JOB HUNTER
Home
View Jobs
Apply Now
Login
Sign up
WELCOME TO JOB HUNTER
CONTACT US
SIGNUP
ENG
09:20
18-11-2022


Job Hunter
127.0.0.1:5000/signup
Update
JOB HUNTER
Home
View Jobs
Apply Now
Login
Sign up
SIGNUP
Name
Enter your name
Email address
Enter Email address
Phone number
Enter phone number
Password
Enter Password
By clicking, you agree to the Job Hunter user agreement, Privacy Policy, and Cookie Policy.
Agree & Join
Already have an account? Login
ENG
09:21
18-11-2022


About
Not secure | 169.51.195.149:30091/about
Update
JOB-PORTAL-APP
Home
Sign In
Sign Up
About
JOB-PORTAL-APP
available company
1)TCS
2)CTS
3)INFOSYS
4)FACEBOOK
5)WIPRO
ENG
09:09
18-11-2022

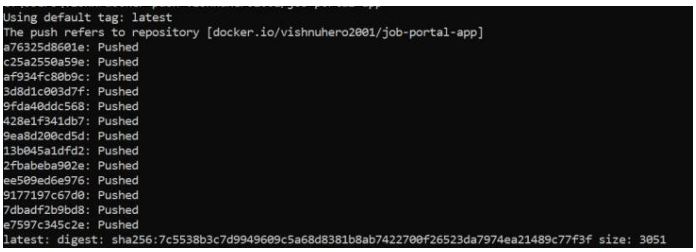

Job Hunter
127.0.0.1:5000/login
Update
JOB HUNTER
Home
View Jobs
Apply Now
Login
Sign up
LOGIN
Email
Enter email address
Password
Enter password
Remember me
Sign in
Don't have an account? Sign up
ENG
09:20
18-11-2022



*push the file into docker use this command

docker push repositroyname/imagename

example:docker vishnuhero2001/job-portal-app



*Login to dockerhub and see the docker pushed file

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

*open command promt and follow the command in below images

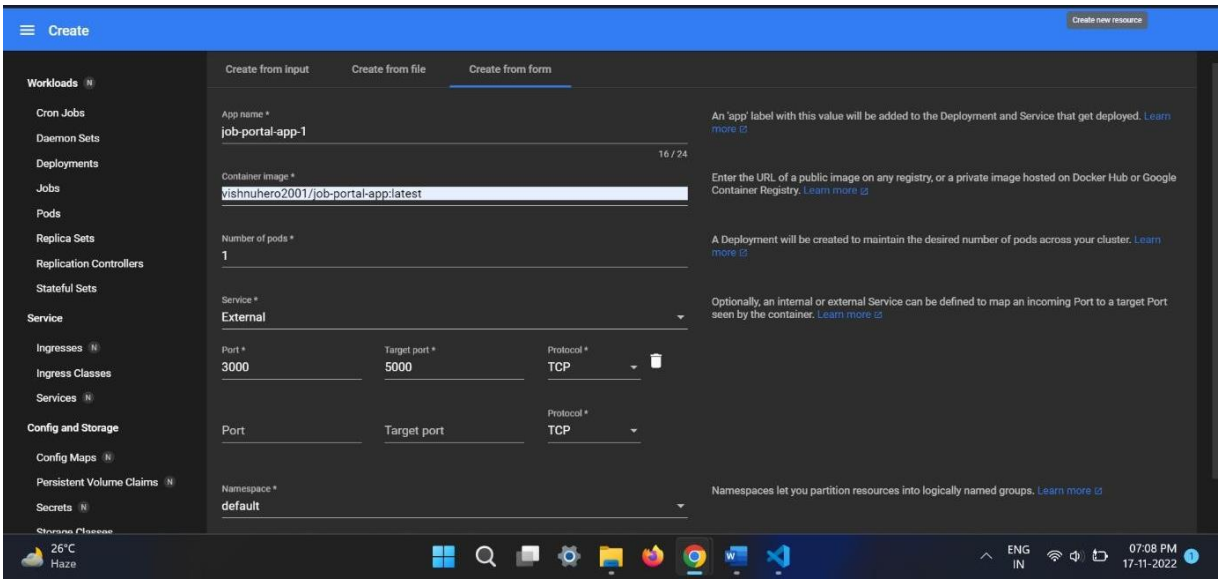
4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

*login to ibmcloud

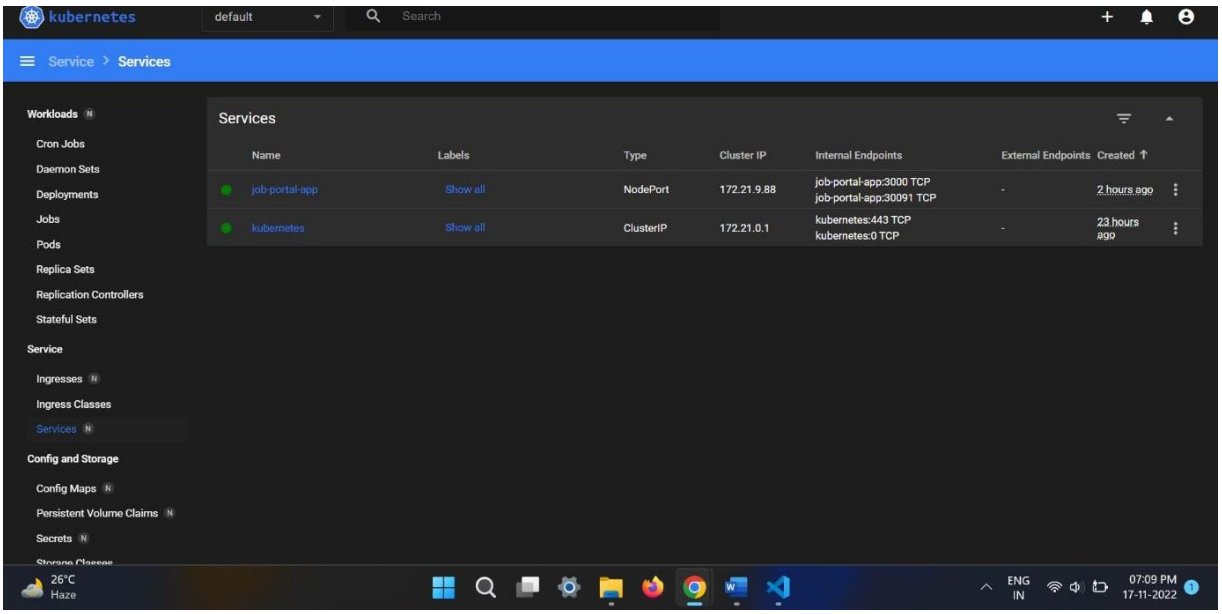
* Create a Kubernetes cluster

*go to Kubernetes dashboard

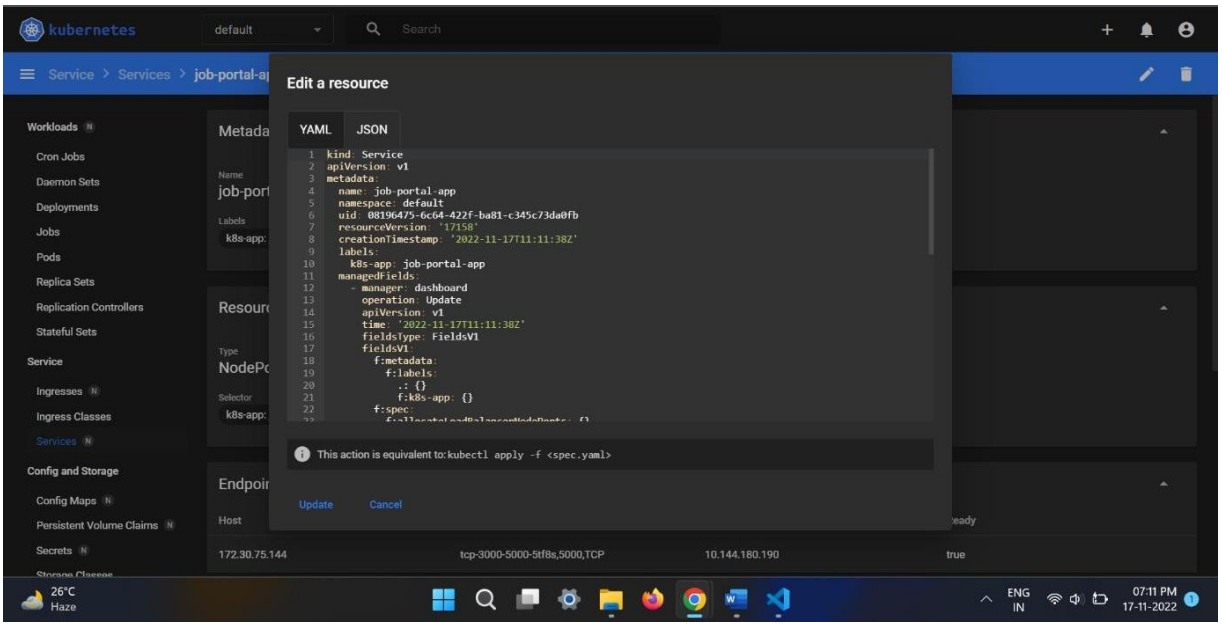
*create a new one



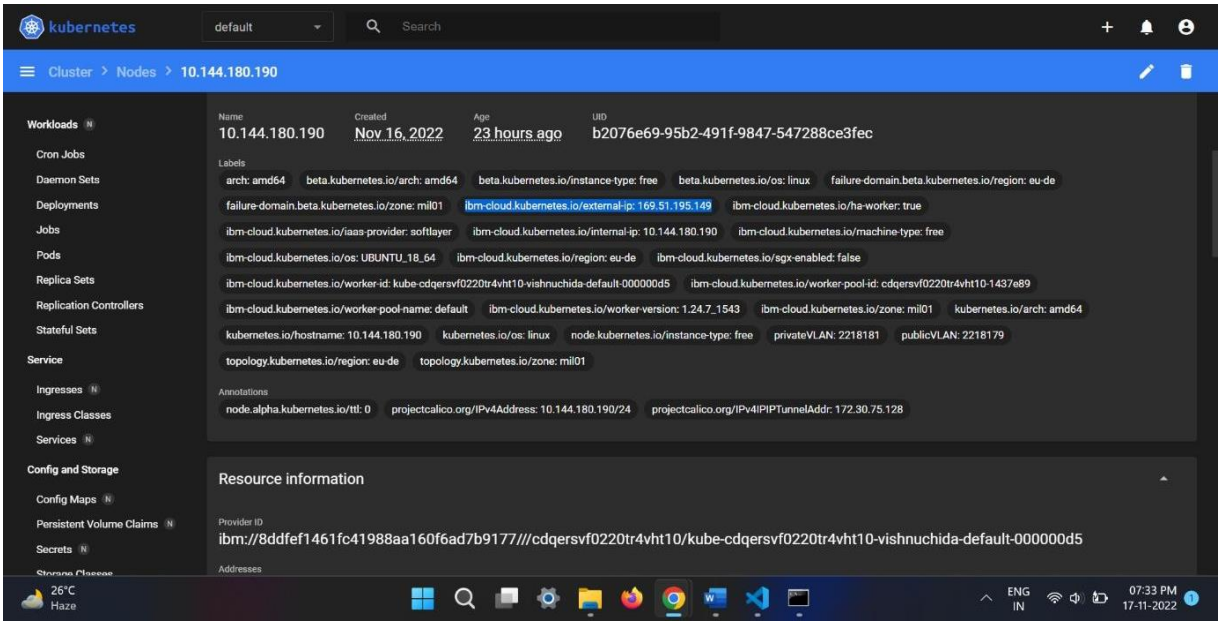
*go to services



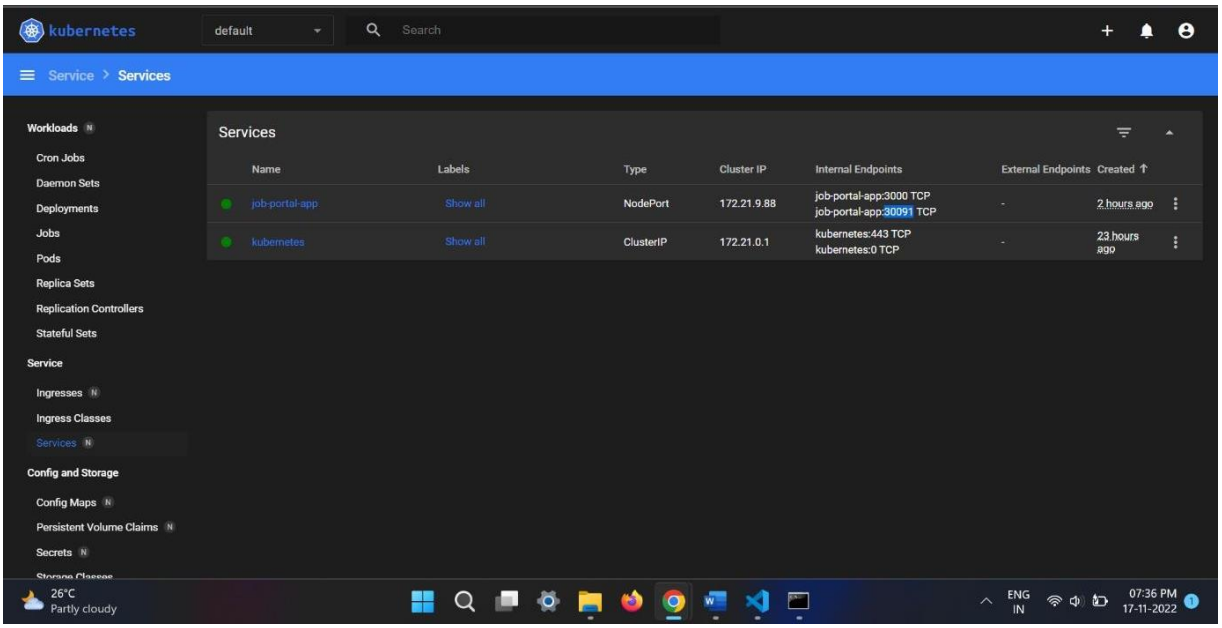
*click edit option to see the yaml file



*delopyment id

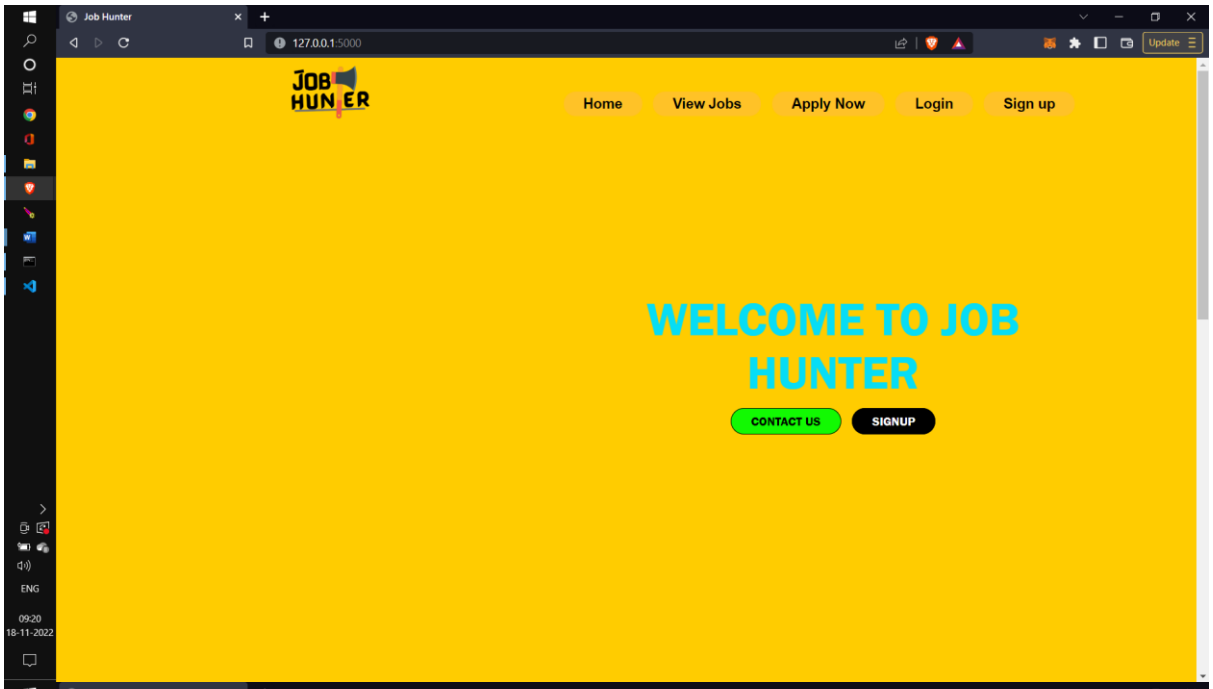


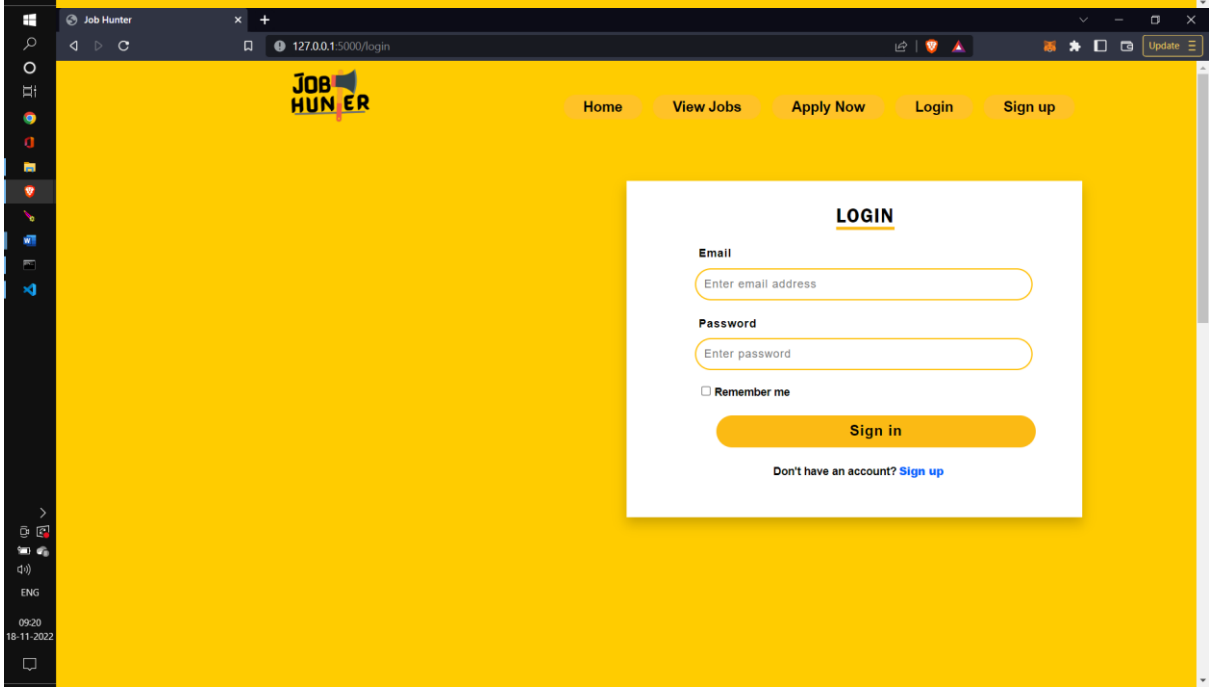
Copy the ip and port numer

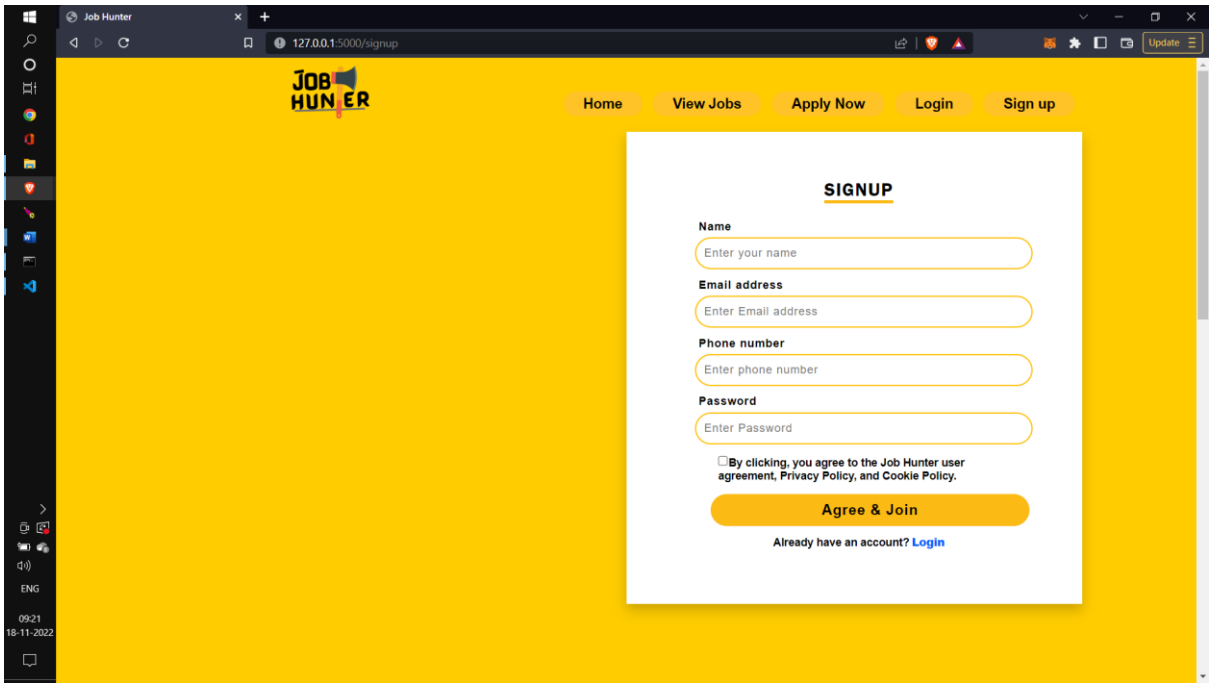


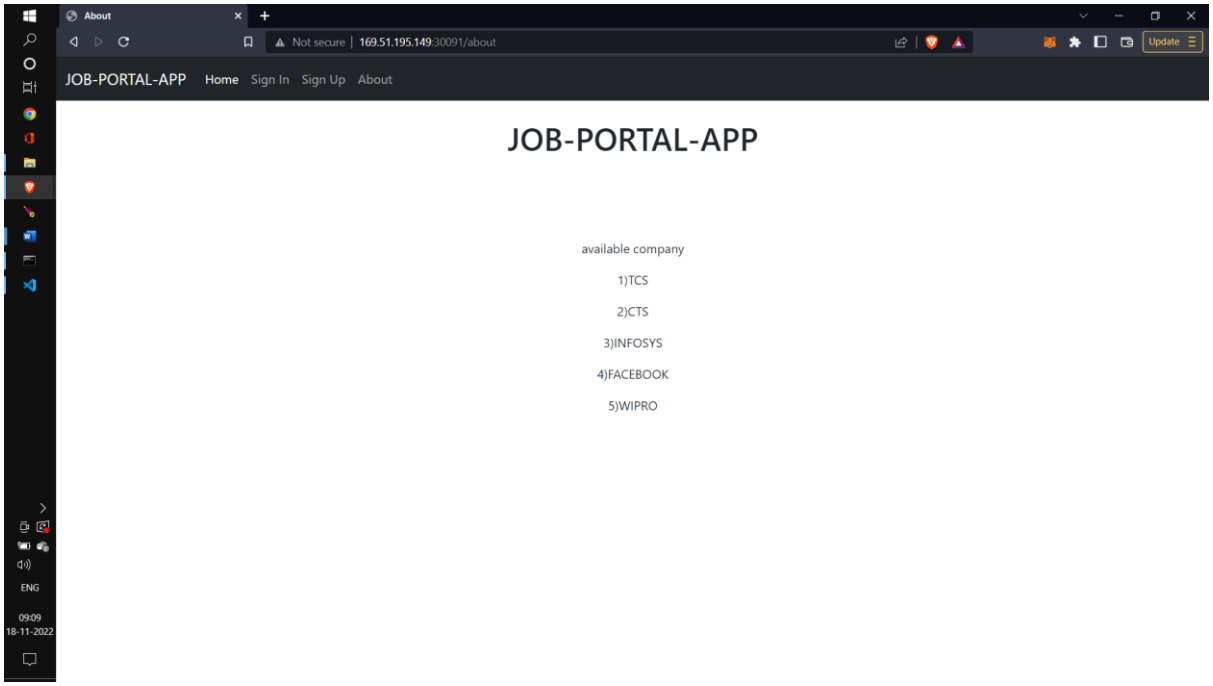
*paste the ip and port numer in browser

output screen






Job Hunter
127.0.0.1:5000/signup
Update
JOB HUNTER
Home
View Jobs
Apply Now
Login
Sign up
SIGNUP
Name
Enter your name
Email address
Enter Email address
Phone number
Enter phone number
Password
Enter Password
By clicking, you agree to the Job Hunter user agreement, Privacy Policy, and Cookie Policy.
Agree & Join
Already have an account? Login
ENG
09:21
18-11-2022


About
Not secure | 169.51.195.149:30091/about
Update
JOB-PORTAL-APP
Home
Sign In
Sign Up
About
JOB-PORTAL-APP
available company
1)TCS
2)CTS
3)INFOSYS
4)FACEBOOK
5)WIPRO
ENG
09:09
18-11-2022