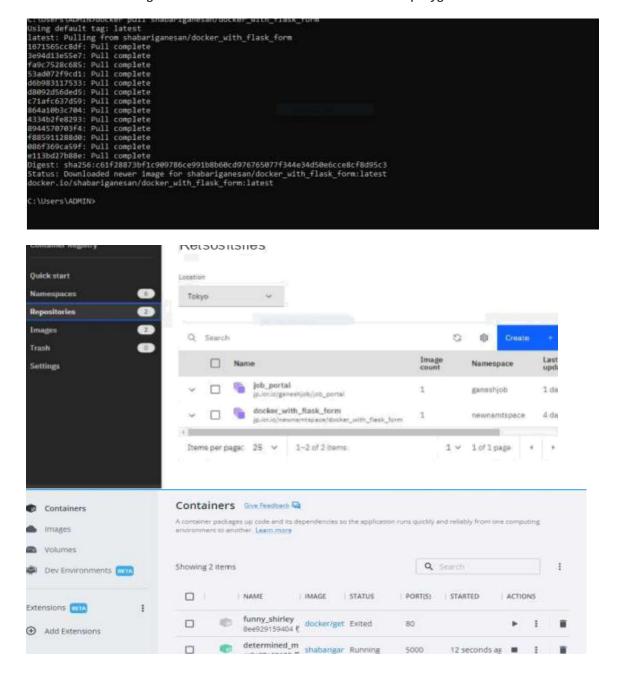
Assignment -4

Assignment Date	07 October 2022
Student Name	NITISHARIHARAN K S
Student Roll Number	210419104112
Maximum Marks	2 Marks

Question 1:

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



Question 2:

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

```
1 FROM python: 3.10.6
     2 WORKDIR /app
     3 COPY requirements.txt ./
     4 RUN pip install -r requirements.txt
     5 COPY . .
     6 EXPOSE 5000
     7 CMD ["python", "./app.py"]
          scan' to run Snyk tests against images to find uninerabilities and learn how to fix them
                   〈 ● fu... jo.icr.io/ga... 

□ Logs 

• Inspect 

Le Stats
                                                                                                                     CLI
Containers
Images
                                 * Serving Fissk app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a pro
                                                                                                                         Q [] I
Volumes
                                WANNIG: This is a development server er instead.

* Sunning on all addresses (0.0.0.0)

* Running on http://27.0.0.1:8000

* Sunning on http://27.0.0.2:8000

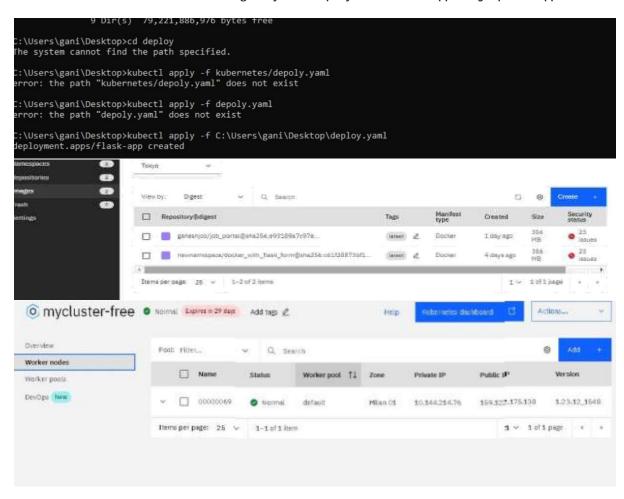
Fres CTRL+C to quit

* Sestarting with stat

Debugger 1s active:

* Debugger PIN: 595-088-578
Dev Environments (IIIIA)
Extensions (11)
                           1
```

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



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.



```
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Lindiconstructure of actions and actions are consistent as a service of the s
```