# **ASSIGNMENT-4**

Assignment Date	23 October 2022
Student Name	Prashanth R
Student Register Number	821719104024
Maximum Marks	2 Marks

#### **Question 1:**

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

```
PS C:\Windows\system32> docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
Digest: sha256:e18f0a777aefabe047a671ab3ec3eed05414477c951ab1a6f352a06974245fe7
Status: Image is up to date for hello-world:latest
docker.io/library/hello-world:latest
PS C:\Windows\system32>
```

### **Question 2:**

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

FROM helloworld:latest

WORKDIR ~/Desktop/

ADD . helloworld/

WORKDIR ~/Desktop/htmlfile

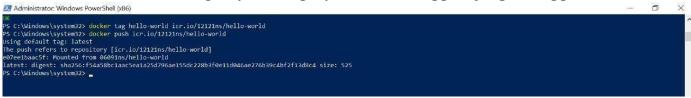
RUN pip install -r requirements

RUN chmod +x app.sh

CMD ["/bin/sh","app.sh"]

## **Question 3:**

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



## **Question 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.

