ASSIGNMENT-4

Assignment Date	10 November 2022
Team ID	PNT2022TMID21754

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>
```

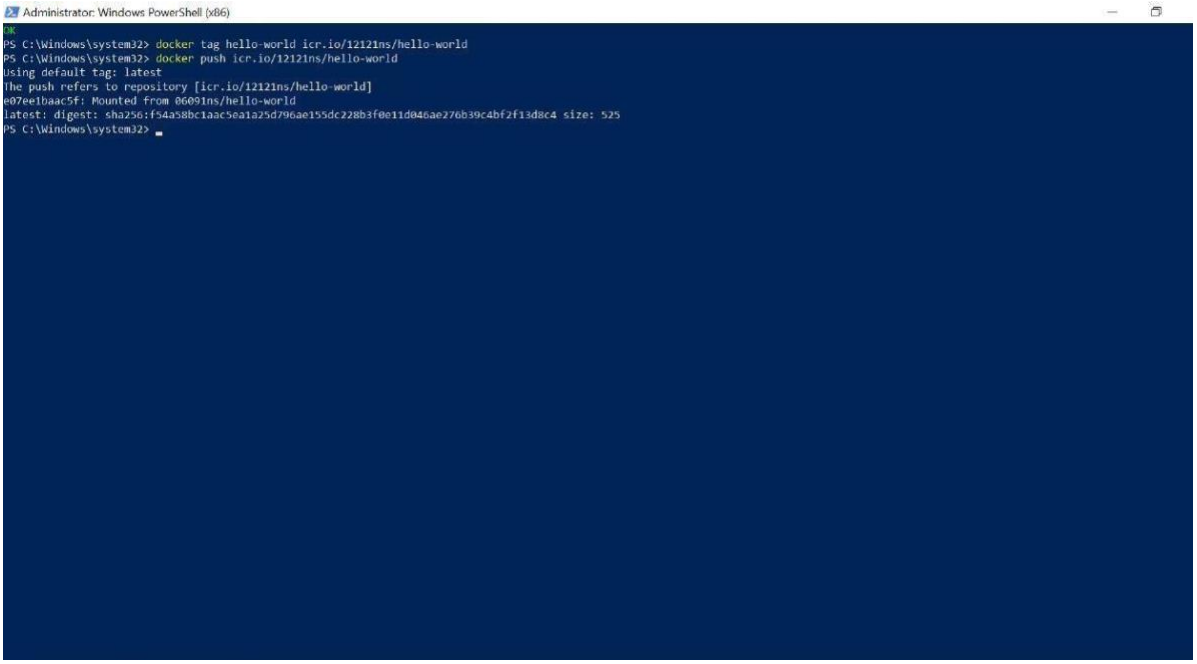
Question 2:

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.