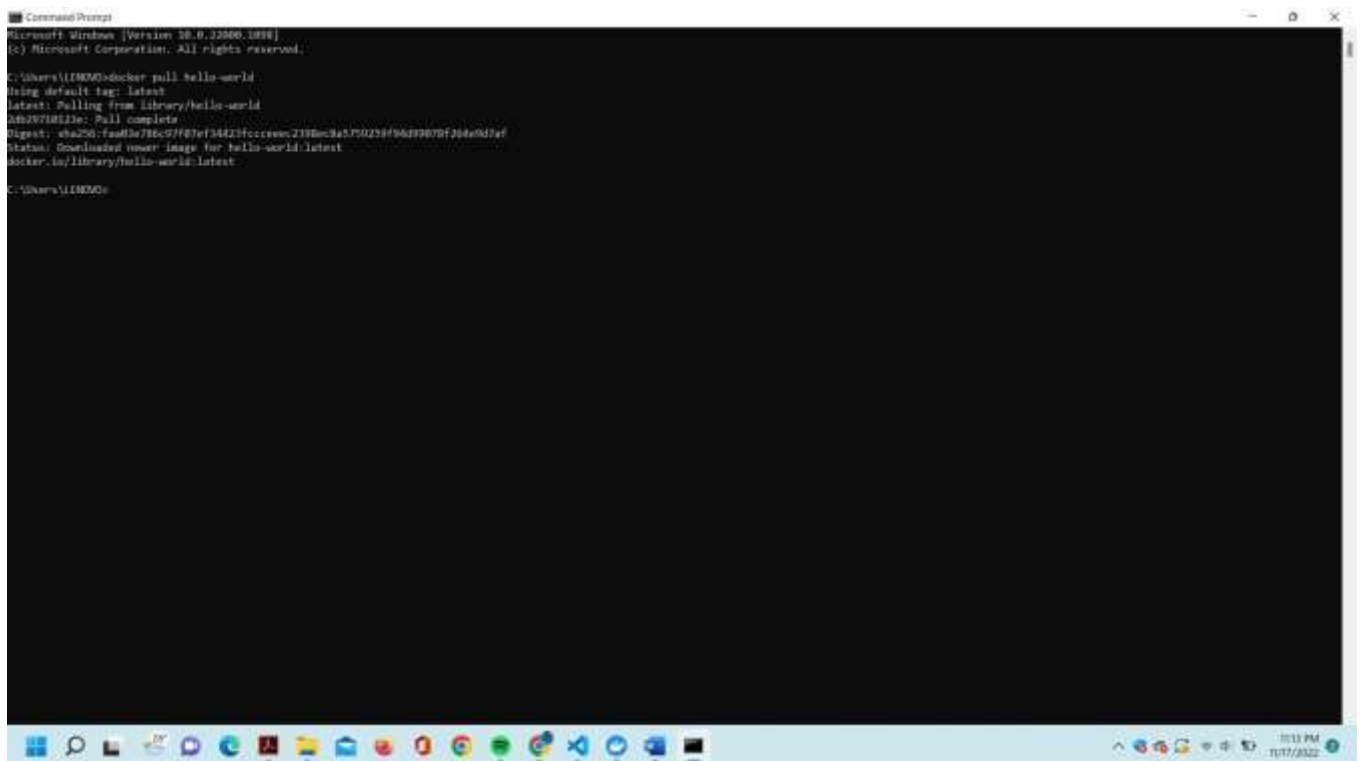


ASSIGNMENT 04

Assignment Date	20 November 2022
Team ID	PNT2022TMID46366
Maximum Marks	2 Marks

Question 1:

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



```
Microsoft Windows [Version 10.0.22000.1898]
(c) Microsoft Corporation. All rights reserved.

C:\Users\111000>docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
sha256:325b46944494174a140311860f062e0604091428f344218c0000000000000000
Digest: sha256:325b46944494174a140311860f062e0604091428f344218c0000000000000000
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest

C:\Users\111000>
```

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
```

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

Question 3:

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

[illegible]

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.

