ASSIGNMENT-4

PROJECT NAME : NEWS TRACKER APPLICATION

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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>

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

FROM

helloworld:lates

t WORKDIR

~/Desktop/

ADD

helloworld/

WORKDIR

```
~/Desktop/htmlfile

RUN pip install -r

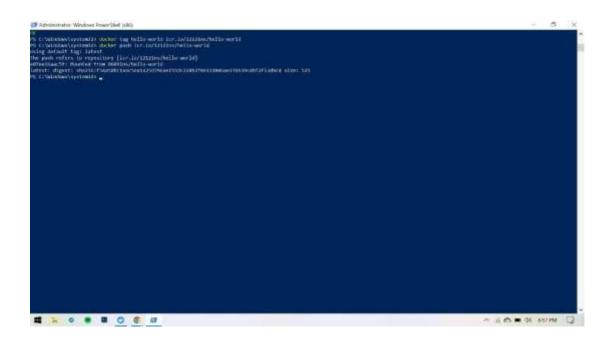
requirements RUN

chmod +x app.sh

CMD

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

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



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.

