ASSIGNMENT-4

AssignmentDate	01November2022
StudentName	S. Aarthy
RegisterNumber	961819104001
Marks	2 Marks

Question1:

PullanImagefromdockerhubandrunitindockerplayground.

```
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>
```

Question2:

Createadockerfileforthejobportalapplication anddeployitinDockerdesktopapplication.

FROM

helloworld:latestWO

RKDIR

~/Desktop/ADD.hello

world/

WORKDIR

~/Desktop/htmlfileRUNpipi

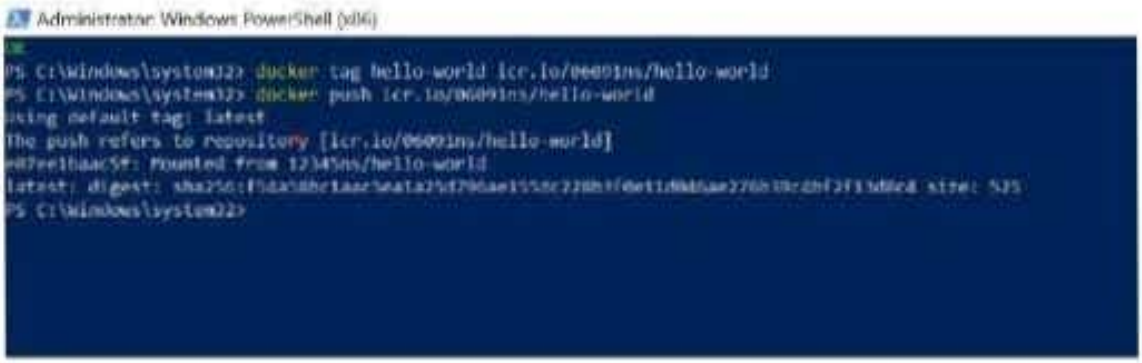
nstall-rrequirementsRUNc

hmod+xapp.sh

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

Question3:

CreateaIBMcontainerregistryanddeployhelloworld apporjobportalapp.



Question4:

CreateaKubernetesclusterin IBMcloudanddeployhelloworldimageorjobportalimageandalso exposethesameapptoruninnodeport.