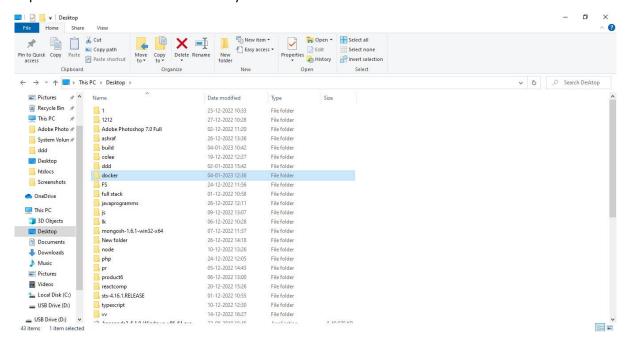
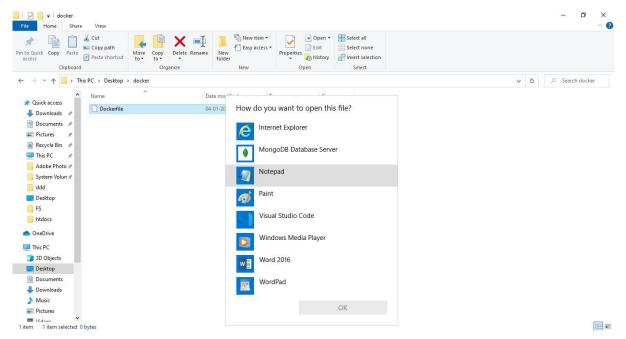
7.Create a Dockerfile and build image finally run it also push into Docker hub?

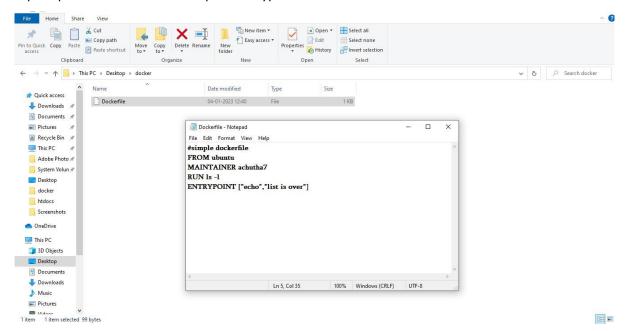
Step1- Create a folder as docker at any location



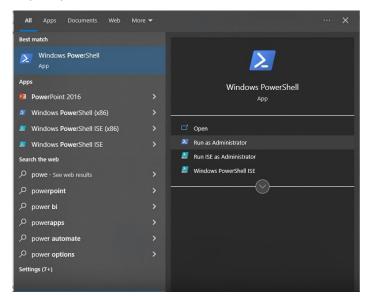
Step2- Create a file as Dockerfile inside the docker folder



Step3- open Dockerfile with notepad and type as follows:



Step4- open windows Powershell as Administartor



Step5- Give location path of the folder



Step6-Build a image

```
PS (:\Users\CSE\Desktop\docker build -t cseiv1 .

[+] Building 6.9s (7/7) FINISHED

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

PS (:\Users\CSE\Desktop\docker) =
```

Step7-View images

```
PS C:\Users\CSE\Desktop\docker> docker images
REPOSITIONY TAG IMAGE 10 SIZE
Achttal?/build.jar latest 335a9c.9ecd88 About an hour ago 499MB build.jar latest 335a9c.9ecd88 About an hour ago 499MB build.jar v2 335a9c.9ecd8 About an hour ago 499MB build.jar v2 335a9c.9ecd
```

Step8- Create a container and view

```
SS C. LUBER'S CSE LUBER'S CSE LUBER'S COMPAND

STATUS

CREATED

STATUS

CREATED

STATUS

CREATED

STATUS

CREATED

STATUS

CREATED

STATUS

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NAMES

COMPAND

I Judge Company

Greated

Gre
```

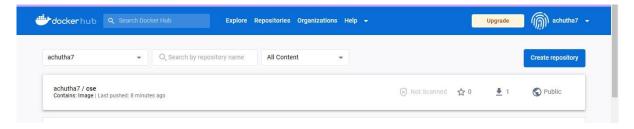
Step9- Create a tag to push images into docker hub

```
PS C:\Users\CSE\Desktop\docker> docker tag cse:1.0 achutha7/cse:1.0
PS C:\Users\CSE\Desktop\docker> docker images
PS SSSBober
PS C:\Users\CSE\Desktop\docker
PS C:\Users\CS
```

Step10- push image to docker hub

```
SS C.NUSers\CSE\Desktop\dacker> docker push achutha7/cse
Using default tag: latest
The push refers to repository [docker.io/achutha7/cse]
Sr70brilas86s Pushed
6515974984c6: Pushed
1stest: digest: sha25s:1fc76abd2a2f0252d2a53f95f6f70ff5c655fe408961c5381178f83ad6ff81a3 size: 735
```

Step11- Open docker hub to check the Repository



Step12- pull the container from docker hub

```
PS C:\Users\CSE\Desktop\docker> docker pull achutha7/cse
Using default tag: latest
latest: Pulling from achutha7/cse
Digest: sha756:lfc78abd2a2*P052d2859796f70ff5c655fe408961c5381178f83ad6ff81a3
Status: Image is up to date for achutha7/cse:latest
docker.io/achutha7/cse:latest
PS C:\Users\CSE\Desktop\Opendocker> ______
```