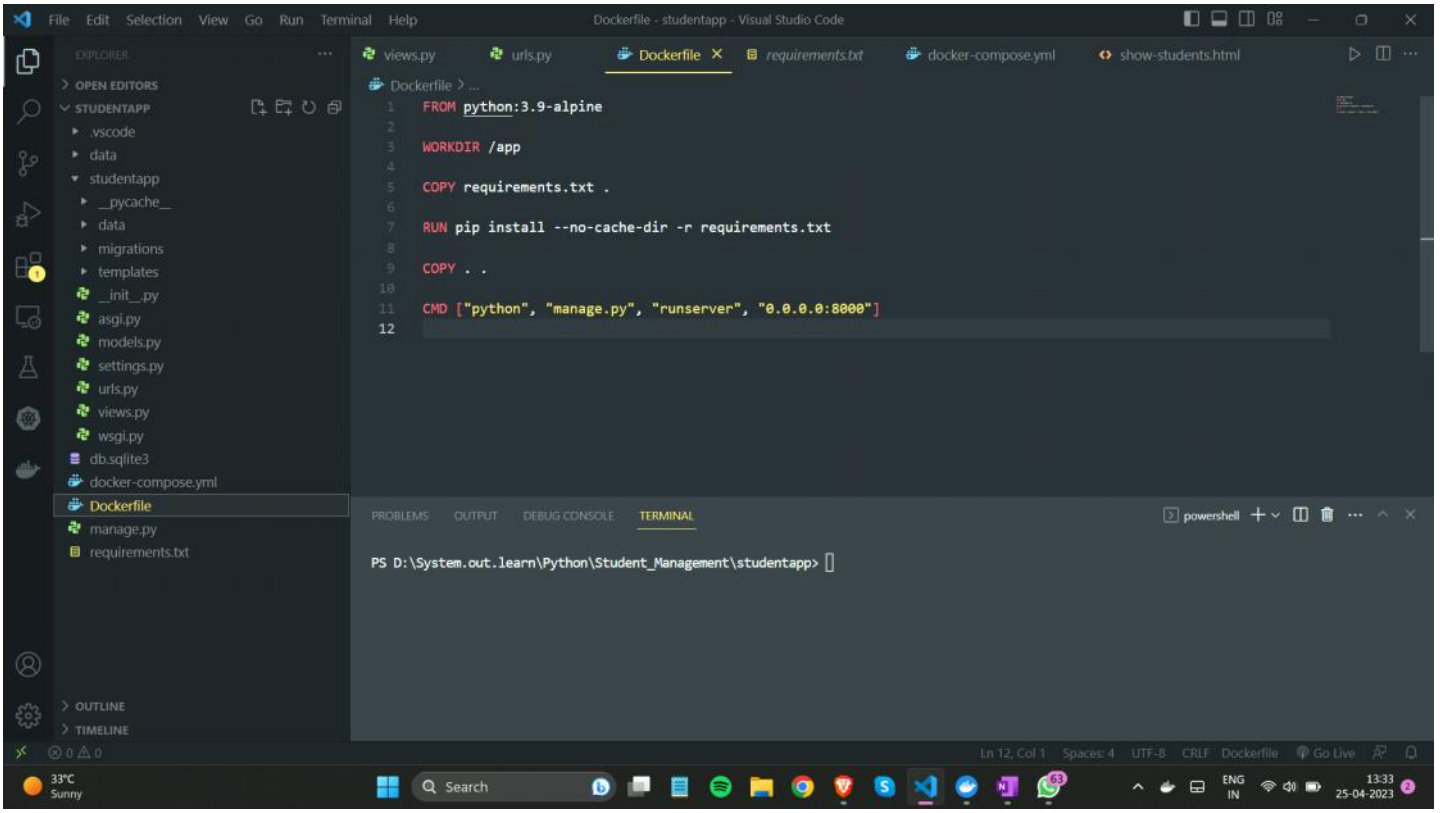
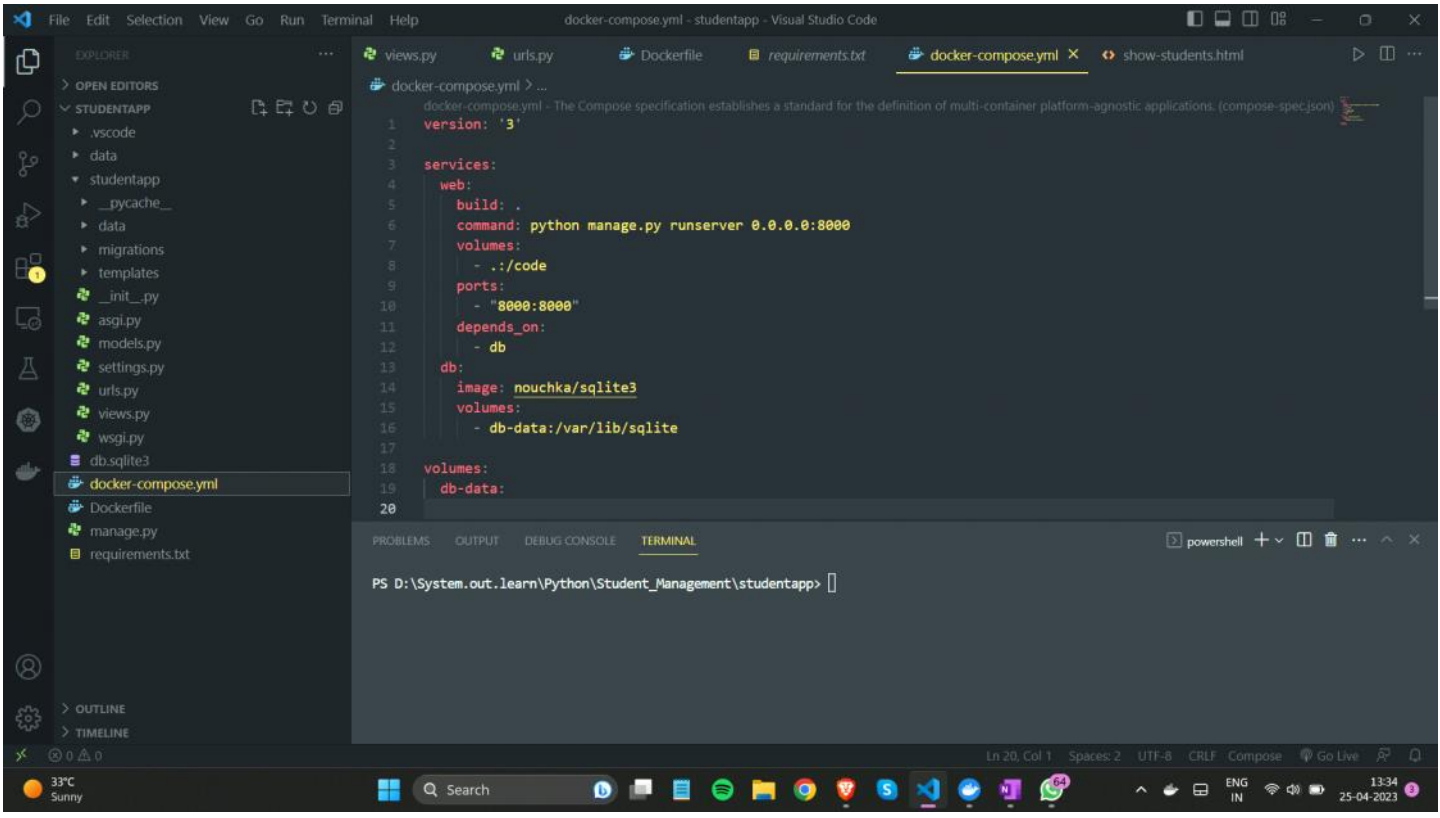
25 April 2023 13:30

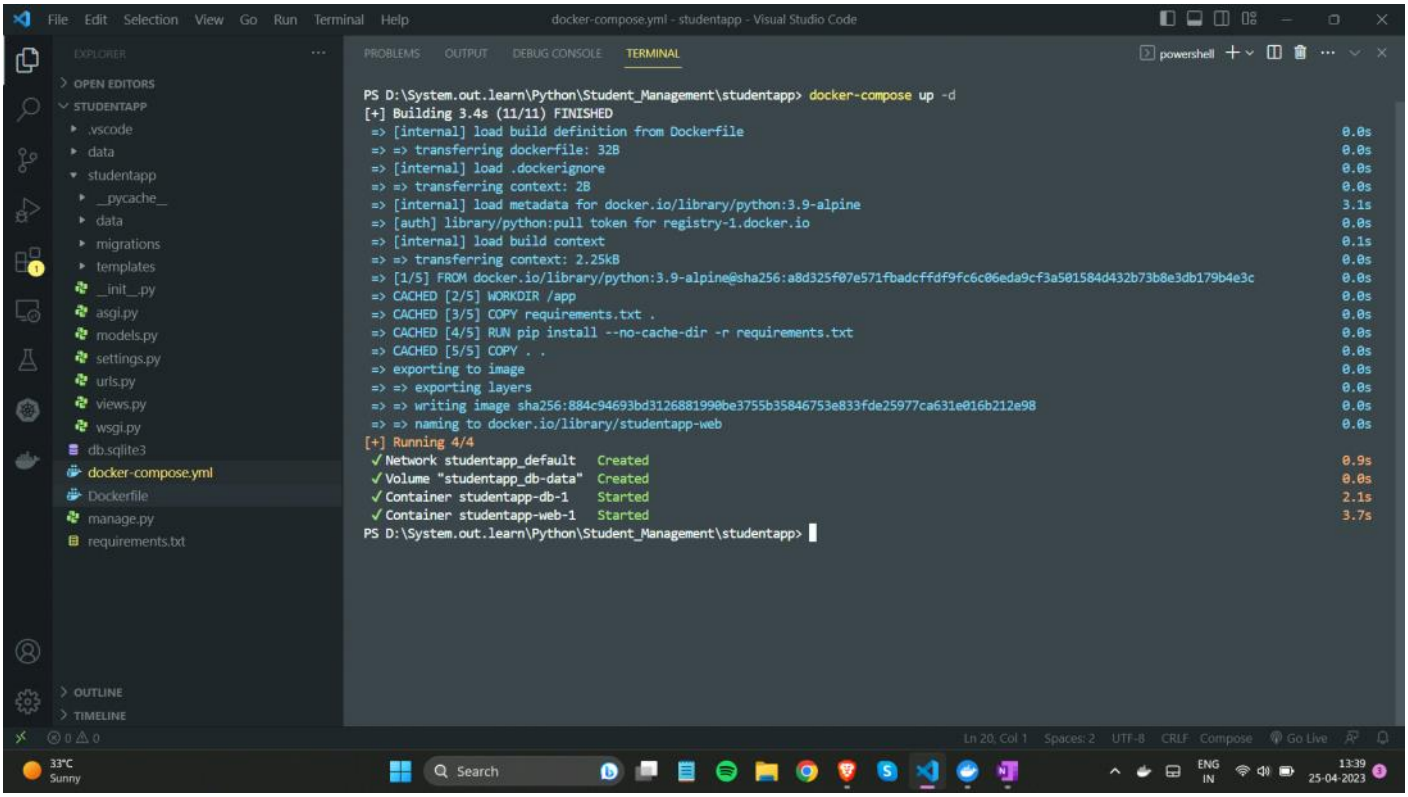
Created A Dockerfile for containerizing python project :



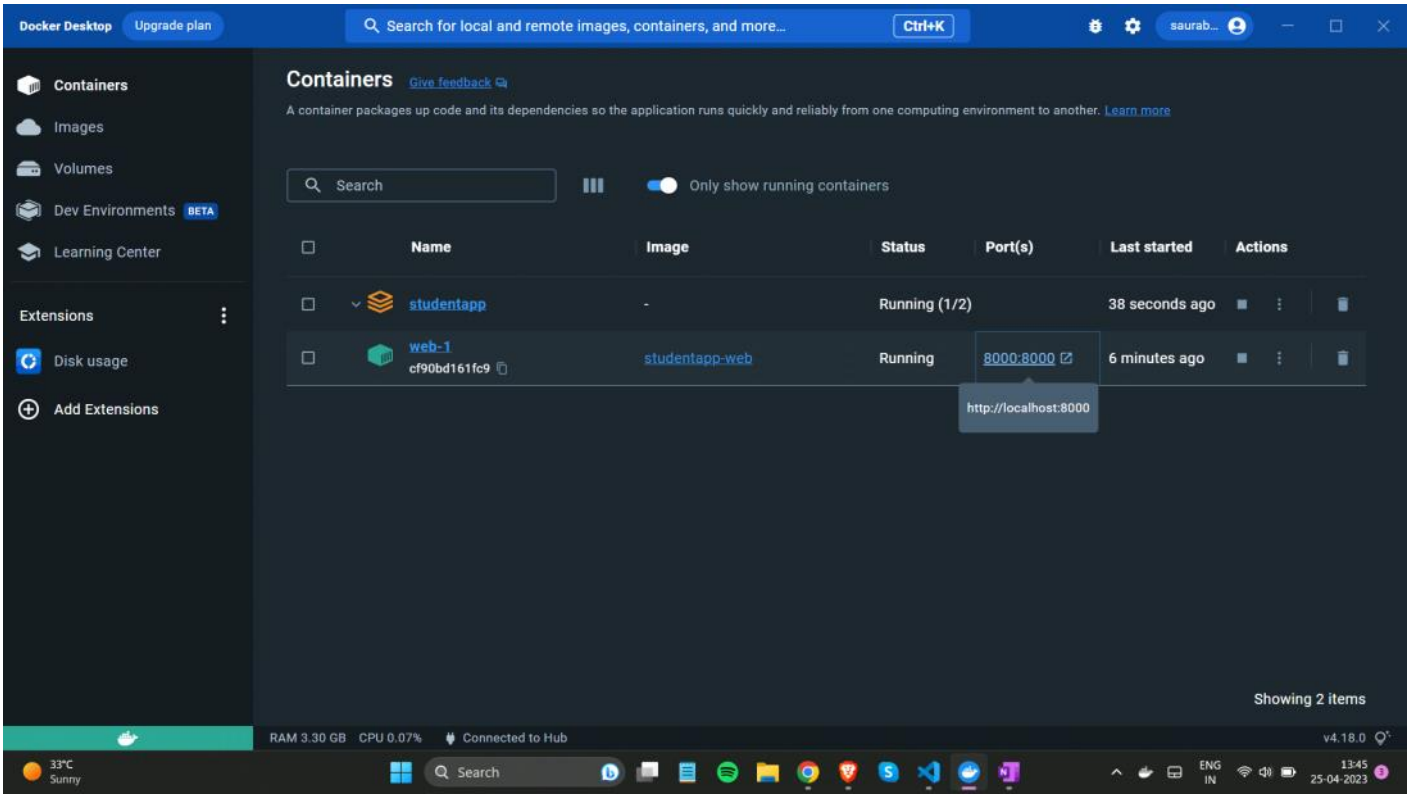
Docker-Compose file :



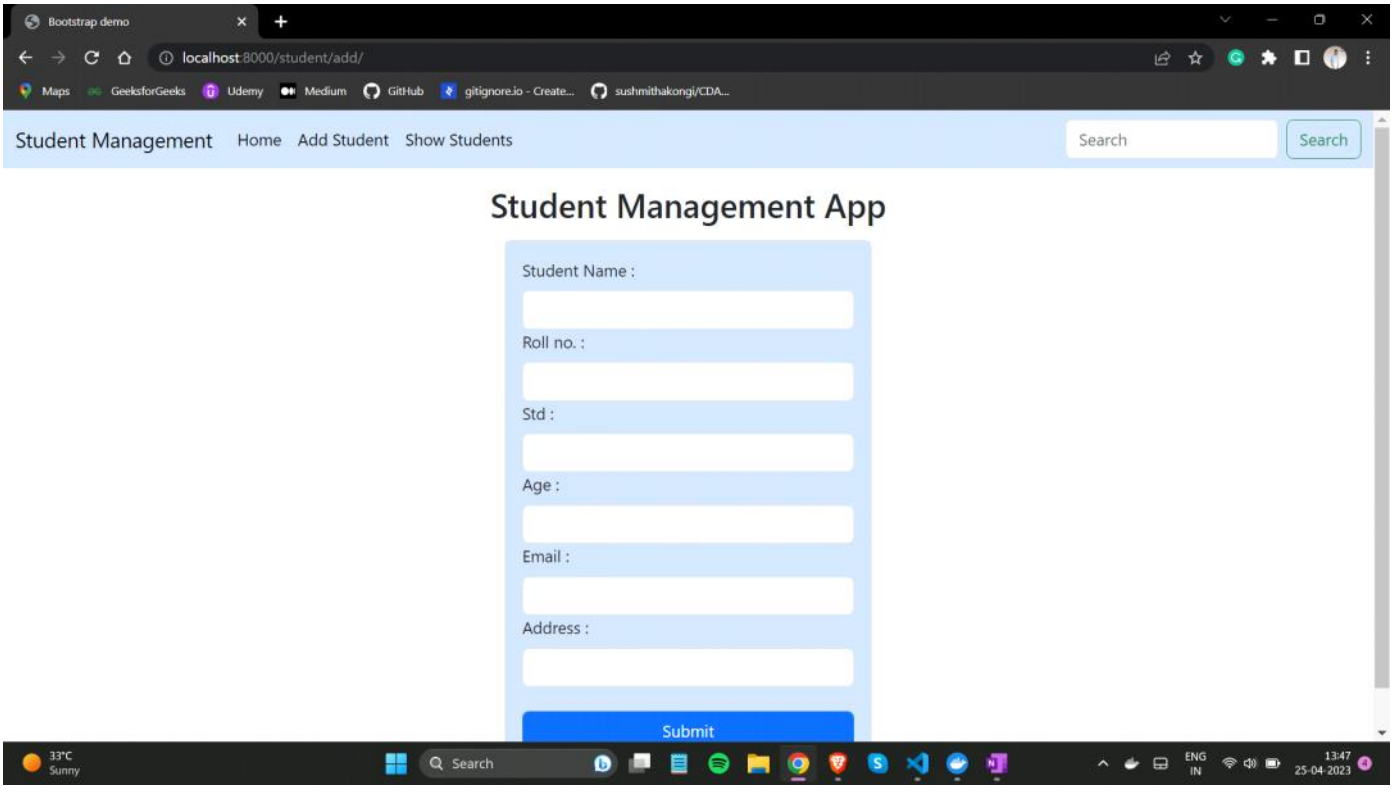
Creating image :

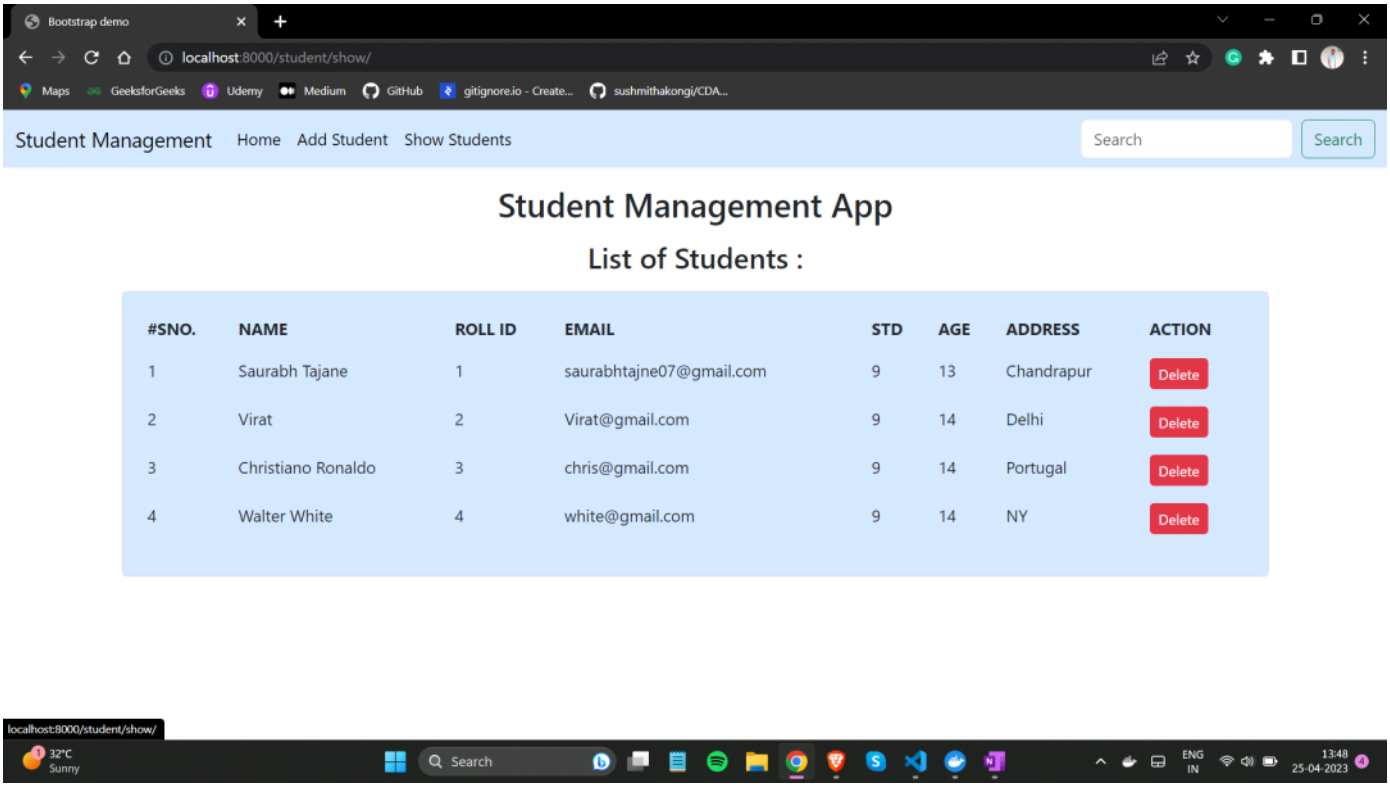


As you can see the image has been created and app is listening on localhost:8000

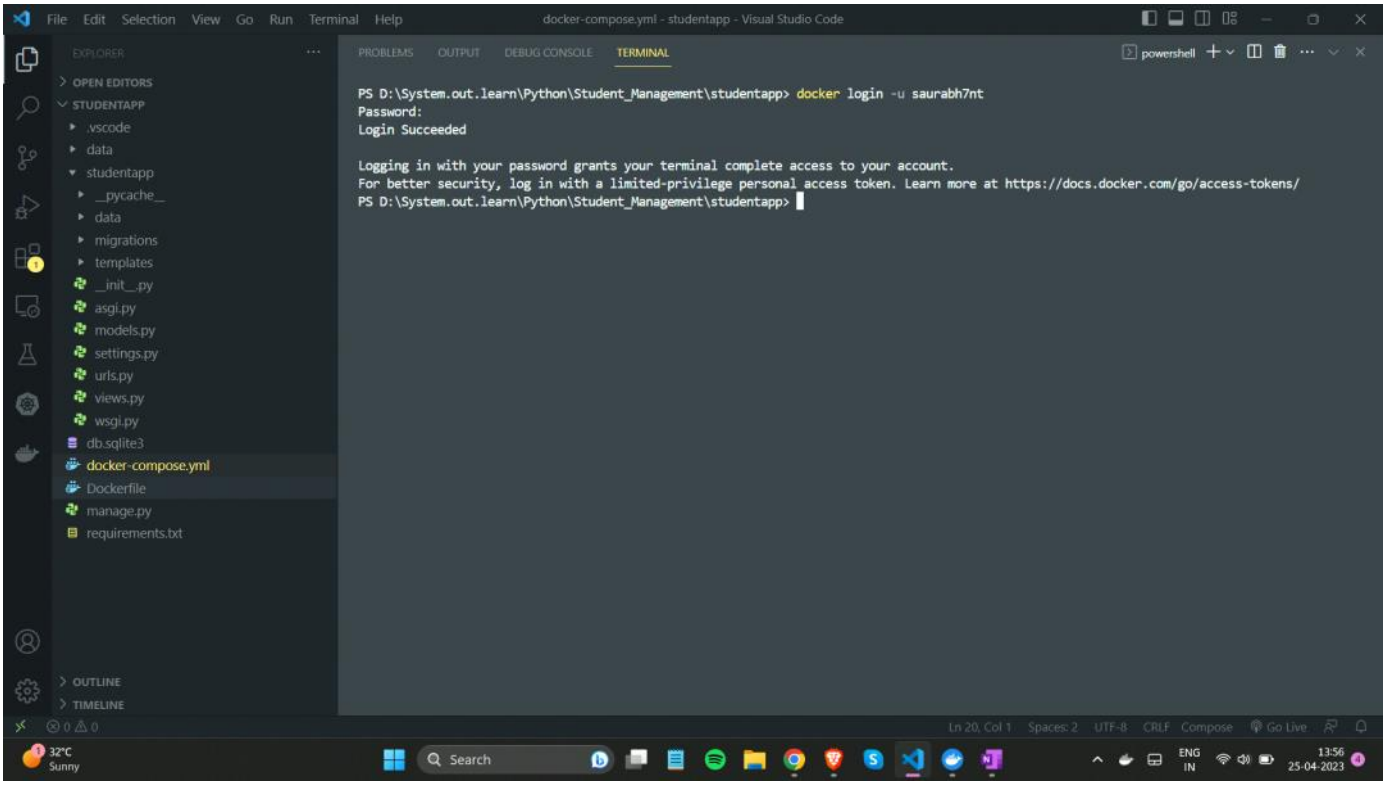


Here's the app :

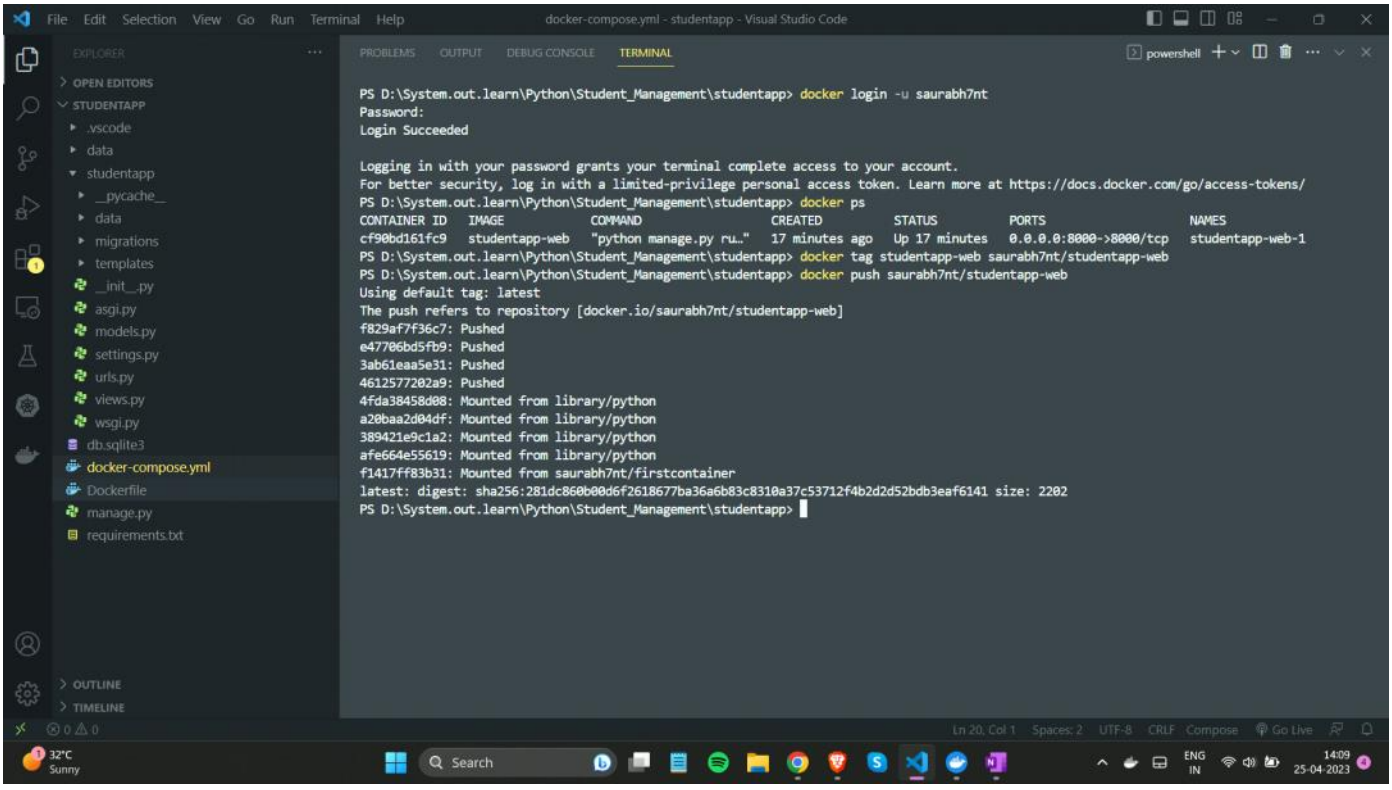


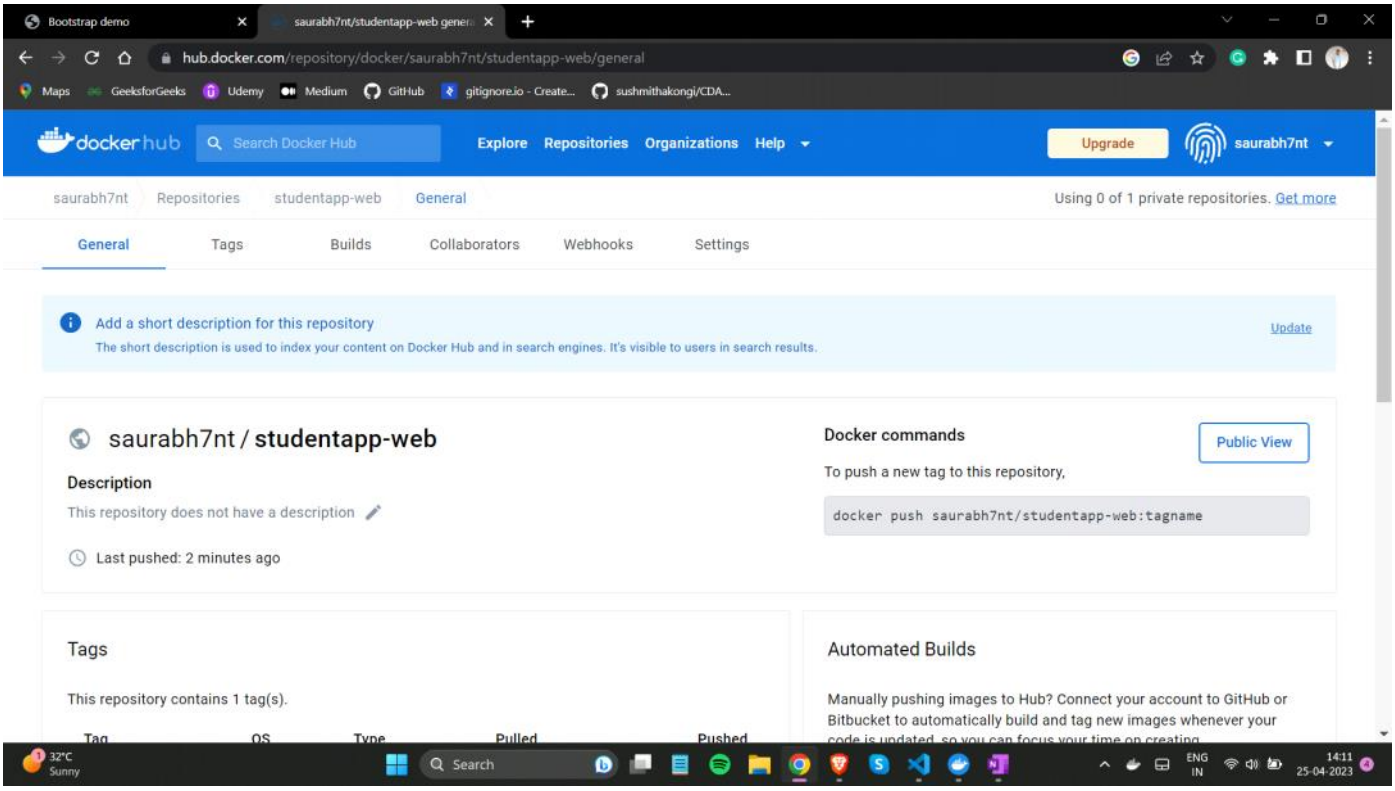


Logging in :

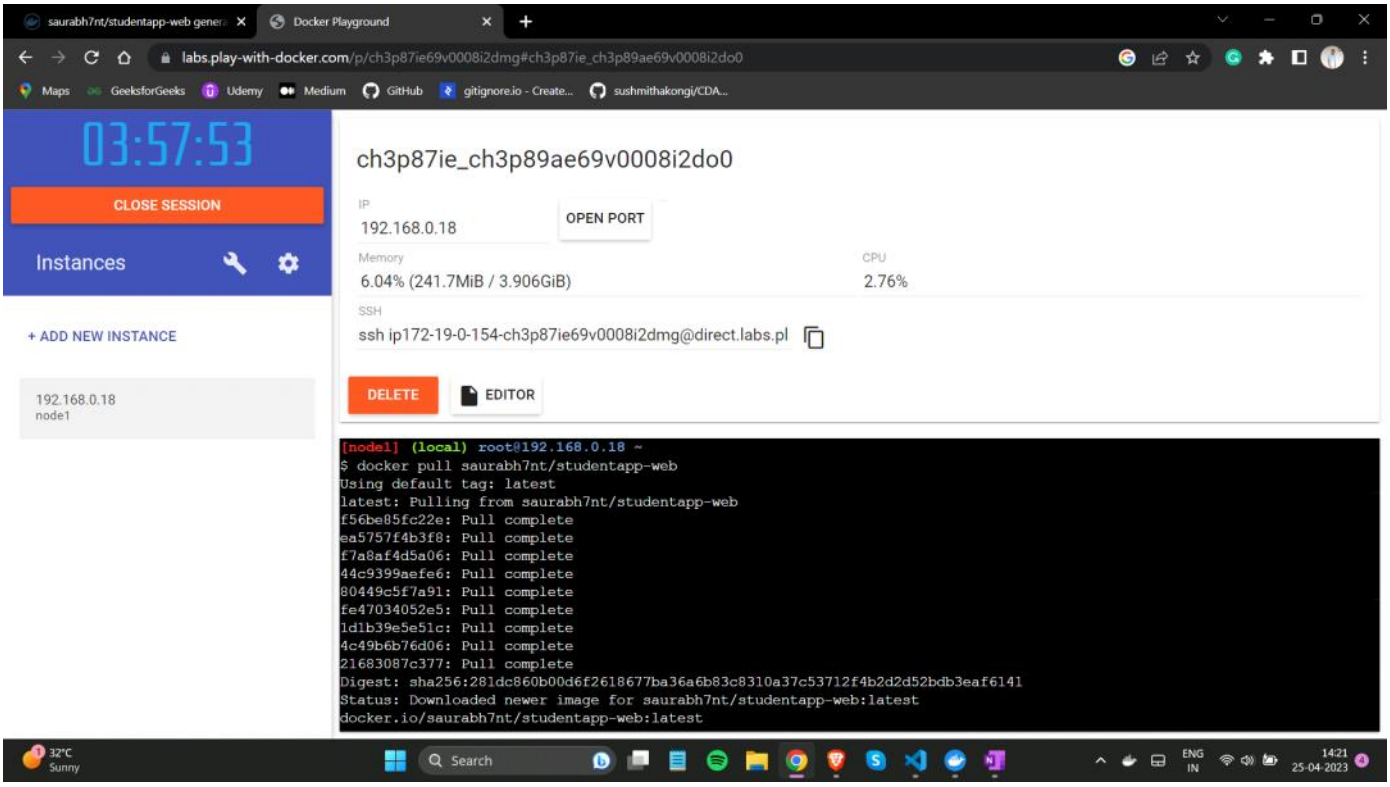


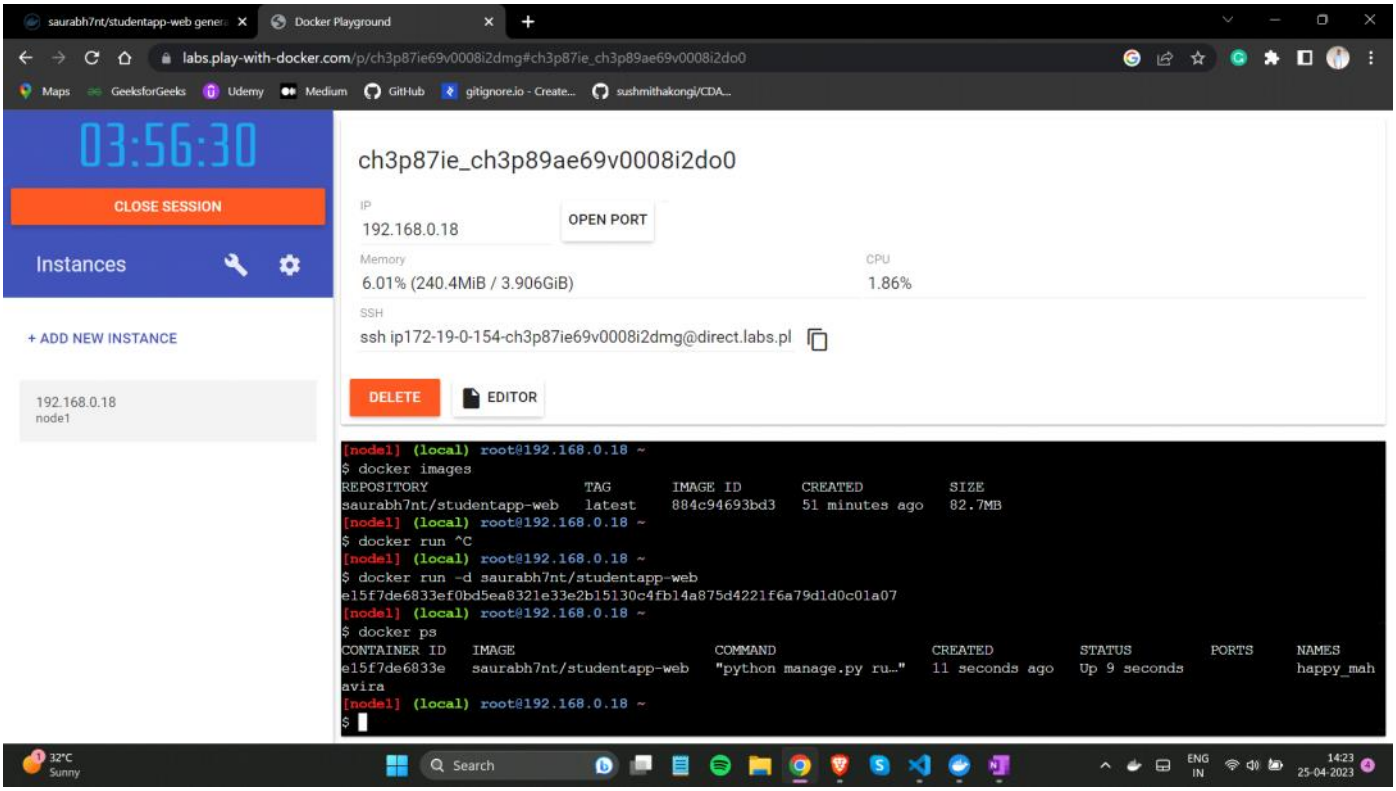
Pushing the image into docker registry :





Pulling my created image from the docker registry by using another instance:


saurabh7nt/studentapp-web gener
Docker Playground
labs.play-with-docker.com/p/ch3p87ie69v0008i2dmg#ch3p87ie_ch3p89ae69v0008i2do0
Maps
GeeksforGeeks
Udemy
Medium
GitHub
gitignore.io - Create...
sushmithakongi/CDA...
03:57:53
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.18
node1
ch3p87ie_ch3p89ae69v0008i2do0
IP
192.168.0.18
OPEN PORT
Memory
6.04% (241.7MiB / 3.906GiB)
CPU
2.76%
SSH
ssh ip172-19-0-154-ch3p87ie69v0008i2dmg@direct.labs.pl
DELETE
EDITOR
[node1] (local) root@192.168.0.18 ~
$ docker pull saurabh7nt/studentapp-web
Using default tag: latest
latest: Pulling from saurabh7nt/studentapp-web
f56be85fc22e: Pull complete
ea5757f4b3f8: Pull complete
f7a8af4d5a06: Pull complete
44c9399aefe6: Pull complete
80449c5f7a91: Pull complete
fe47034052e5: Pull complete
1d1b39e5e51c: Pull complete
4c49b6b76d06: Pull complete
21683087c377: Pull complete
Digest: sha256:281dc860b00d6f2618677ba36a6b83c8310a37c53712f4b2d2d52bdb3eaf6141
Status: Downloaded newer image for saurabh7nt/studentapp-web:latest
docker.io/saurabh7nt/studentapp-web:latest
32°C
Sunny
Search
ENG
IN
14:21
25-04-2023


saurabh7nt/studentapp-web gener
Docker Playground
labs.play-with-docker.com/p/ch3p87ie69v0008i2dmg#ch3p87ie_ch3p89ae69v0008i2do0
Maps
GeeksforGeeks
Udemy
Medium
GitHub
gitignore.io - Create...
sushmithakongi/CDA...
03:56:30
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
192.168.0.18
node1
ch3p87ie_ch3p89ae69v0008i2do0
IP
192.168.0.18
OPEN PORT
Memory
6.01% (240.4MiB / 3.906GiB)
CPU
1.86%
SSH
ssh ip172-19-0-154-ch3p87ie69v0008i2dmg@direct.labs.pl
DELETE
EDITOR
[node1] (local) root@192.168.0.18 ~
$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
saurabh7nt/studentapp-web latest 884c94693bd3 51 minutes ago 82.7MB
[node1] (local) root@192.168.0.18 ~
$ docker run ^C
[node1] (local) root@192.168.0.18 ~
$ docker run -d saurabh7nt/studentapp-web
e15f7de6833ef0bd5ea8321e33e2b15130c4fb14a875d4221f6a79d1d0c01a07
[node1] (local) root@192.168.0.18 ~
$ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
e15f7de6833e saurabh7nt/studentapp-web "python manage.py ru…" 11 seconds ago Up 9 seconds happy_mah
avira
[node1] (local) root@192.168.0.18 ~
$
32°C
Sunny
Search
ENG
IN
14:23
25-04-2023