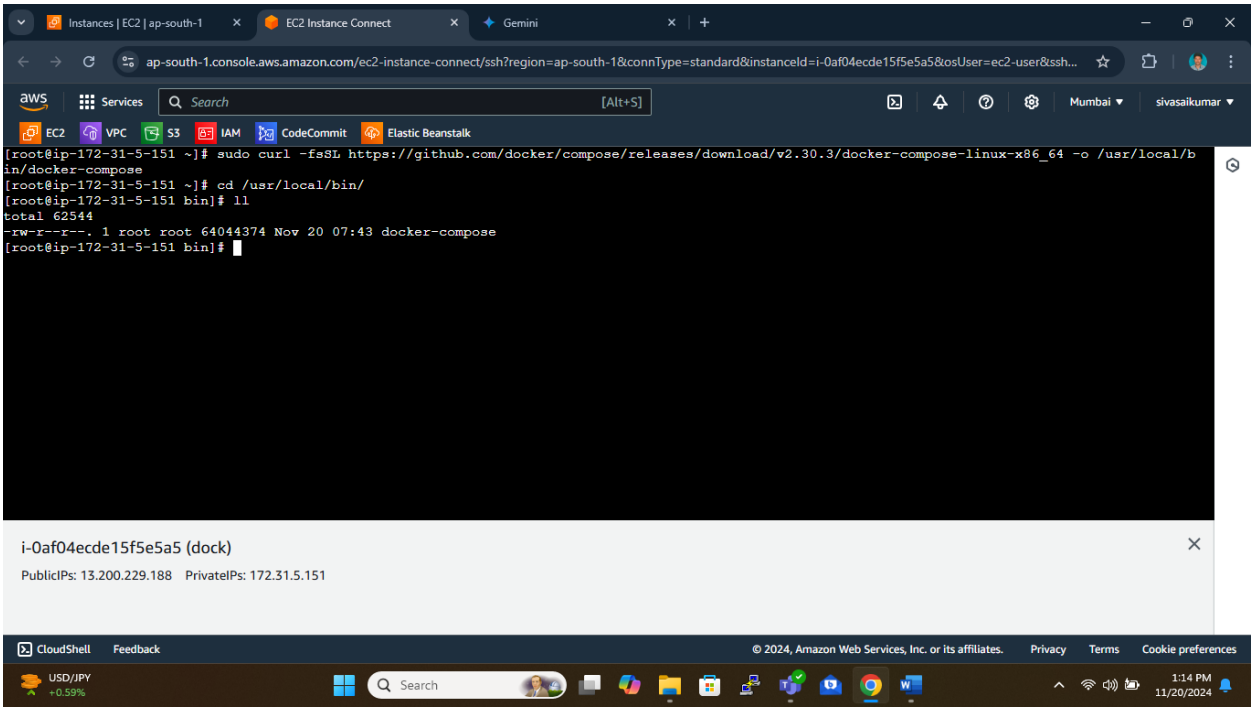
Docker-compose

Docker-compose:

Docker-compose is a tool in docker that helps to define and share multi-container applications. It is written in YAML language docker compose naming will be like docker-compose.yaml or docker-compose.yml after starting the docker we have install docker-compose in the docker host using the below command

sudo curl -fsSL https://github.com/docker/compose/releases/download/v2.30.3/docker-compose-linux-x86_64 -o /usr/local/bin/docker-compose

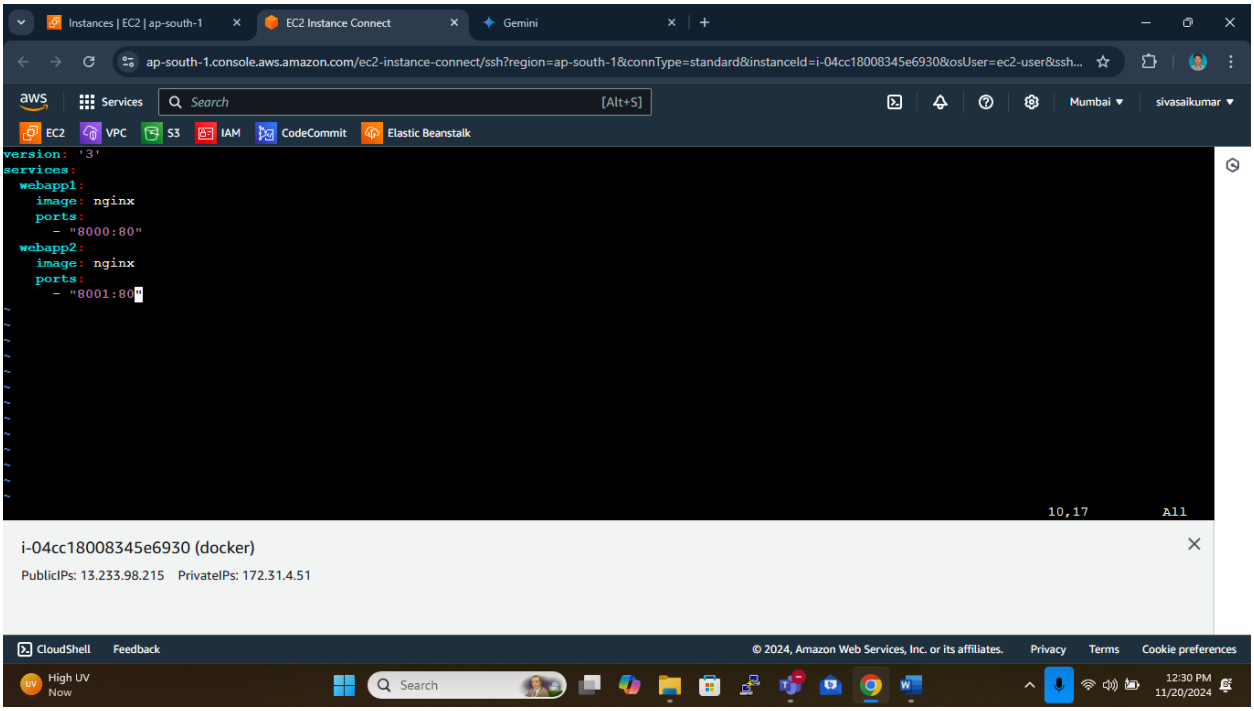
to check docker-compose is download are go to the path using **cd /usr/local/bin** there we can find the docker-compose file



Now give the docker-compose file execute permission using **chmod +x docker-compose** after this the file colour will be change into green colour which that the file have execution permissions

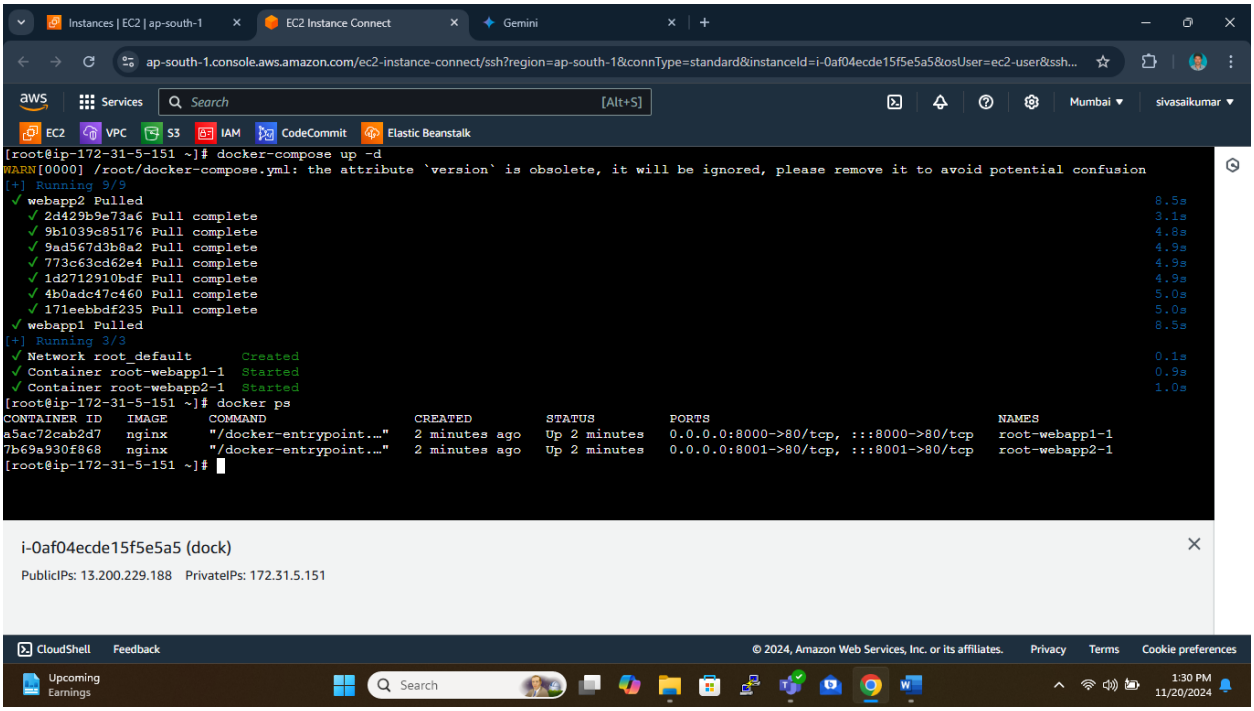
Go to any path and add docker-compose.yml file using visual editor and add the data in it as shown in the below image

```
version: '3'
services:
  webapp1:
    image: nginx
    ports:
      - "8000:80"
  webapp2:
    image: nginx
    ports:
      - "8001:80"
```



Save the file. Give the command to run the docker-compose

docker-compose up -d


Instances | EC2 | ap-south-1
EC2 Instance Connect
Gemini
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-0af04ecde15f5e5a5&osUser=ec2-user&ssh...
Services
Search
[Alt+S]
Mumbai
sivasaikumar
EC2
VPC
S3
IAM
CodeCommit
Elastic Beanstalk
[root@ip-172-31-5-151 ~]# docker-compose up -d
WARN[0000] /root/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Running 9/9
✓ webapp2 Pulled 8.5s
✓ 2d429b9e73a6 Pull complete 3.1s
✓ 9b1039c85176 Pull complete 4.8s
✓ 9ad567d3b8a2 Pull complete 4.9s
✓ 773c63cd62e4 Pull complete 4.9s
✓ 1d2712910bdf Pull complete 4.9s
✓ 4b0adc47c460 Pull complete 5.0s
✓ 171eebbdf235 Pull complete 5.0s
✓ webapp1 Pulled 8.5s
[+] Running 3/3
✓ Network root_default Created 0.1s
✓ Container root-webapp1-1 Started 0.9s
✓ Container root-webapp2-1 Started 1.0s
[root@ip-172-31-5-151 ~]# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
a5ac72cab2d7 nginx "/docker-entrypoint.…" 2 minutes ago Up 2 minutes 0.0.0.0:8000->80/tcp, :::8000->80/tcp root-webapp1-1
7b69a930f868 nginx "/docker-entrypoint.…" 2 minutes ago Up 2 minutes 0.0.0.0:8001->80/tcp, :::8001->80/tcp root-webapp2-1
[root@ip-172-31-5-151 ~]#
i-0af04ecde15f5e5a5 (dock)
PublicIPs: 13.200.229.188 PrivateIPs: 172.31.5.151
CloudShell
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