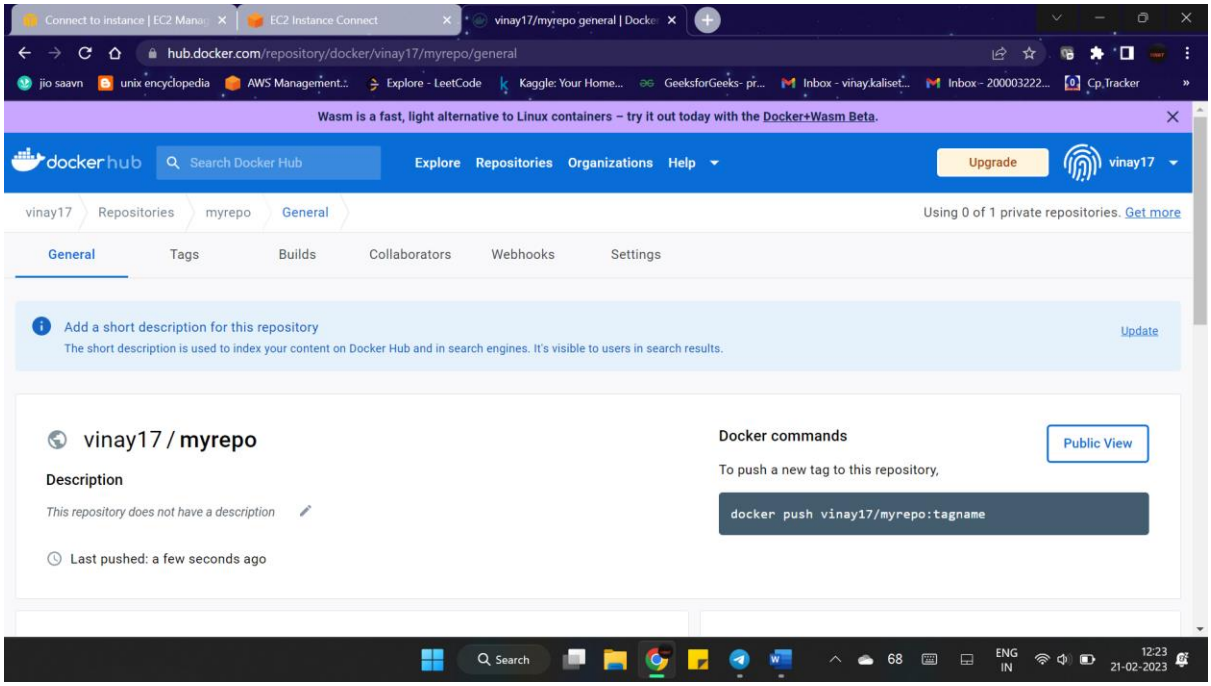
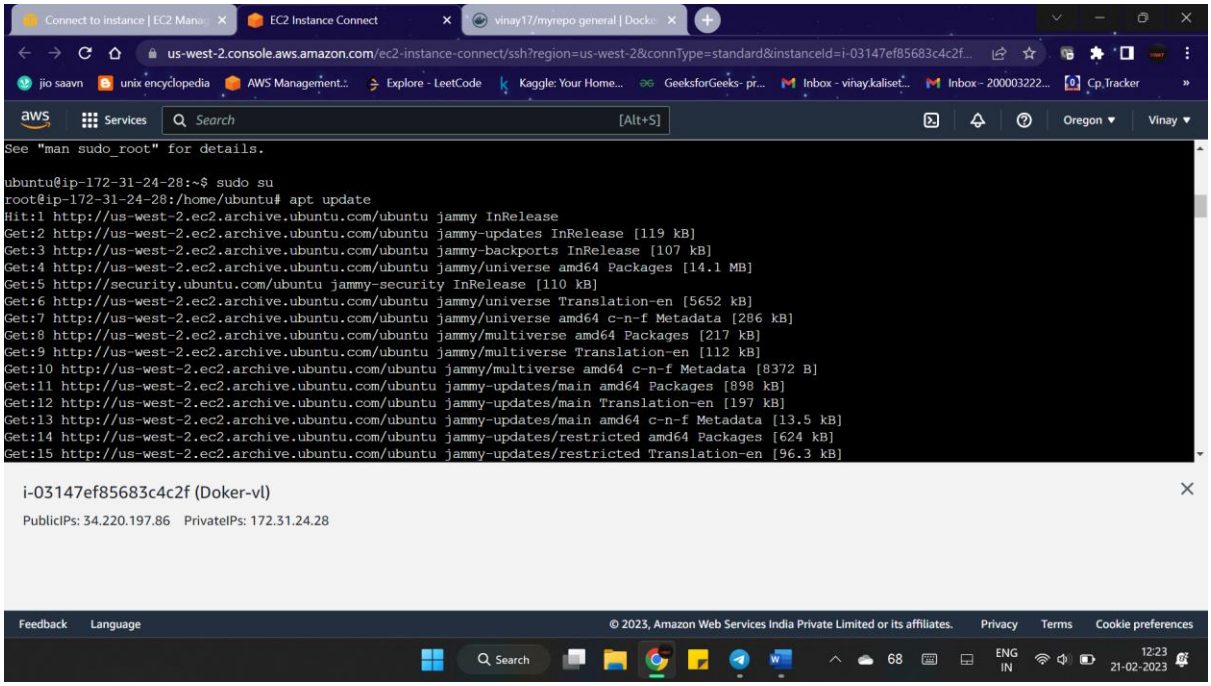
Pushing and Pulling Docker image

1. Create a repository in Docker Hub.



2. Connect your ec2 instance and update sudo and install Docker

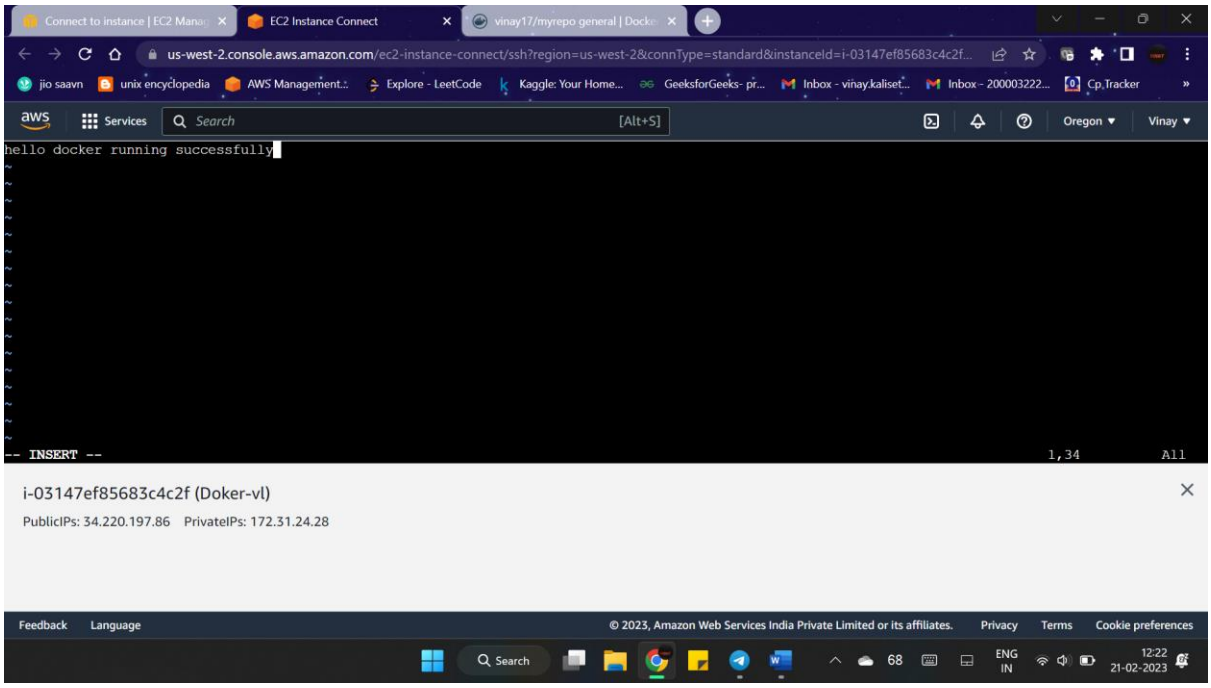


3. Create a directory using **mkdir myrepo**

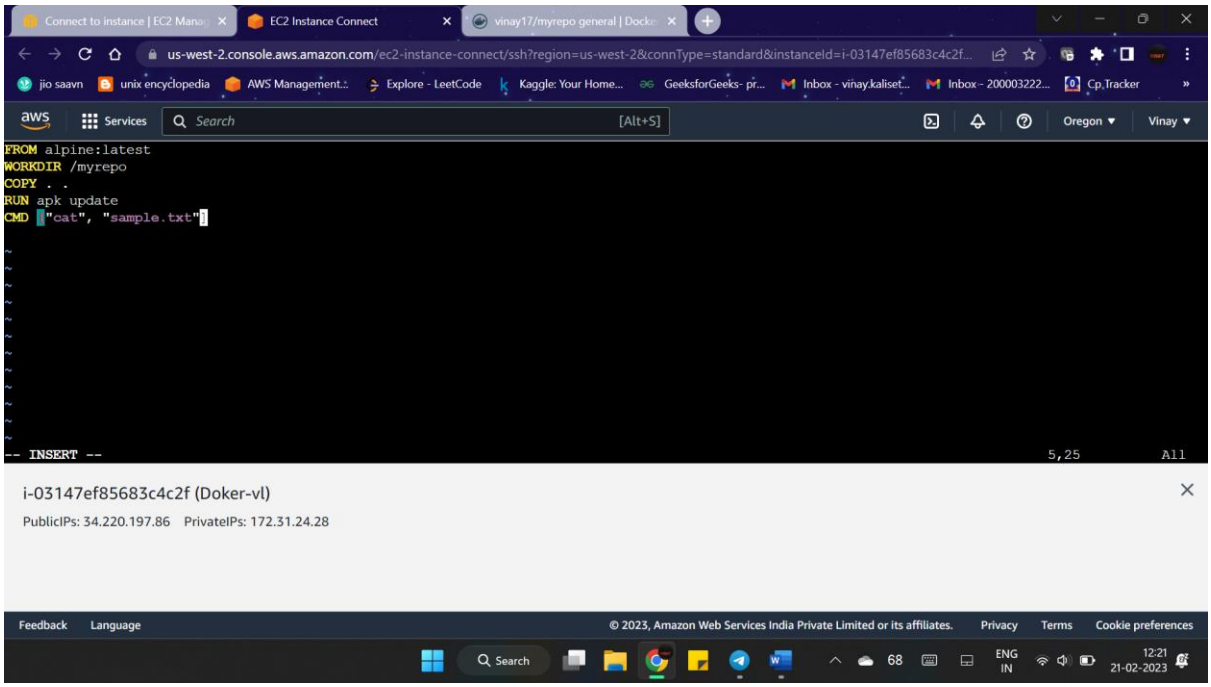
```
root@ip-172-31-24-28:/home/ubuntu# ls
myrepo
root@ip-172-31-24-28:/home/ubuntu# cd myrepo
root@ip-172-31-24-28:/home/ubuntu/myrepo# ls
Dockerfile  sample.txt
root@ip-172-31-24-28:/home/ubuntu/myrepo# vi Dockerfile
root@ip-172-31-24-28:/home/ubuntu/myrepo# vi sample.txt
root@ip-172-31-24-28:/home/ubuntu/myrepo#
```

4. Then create two files named Dockerfile and any sample .txt file

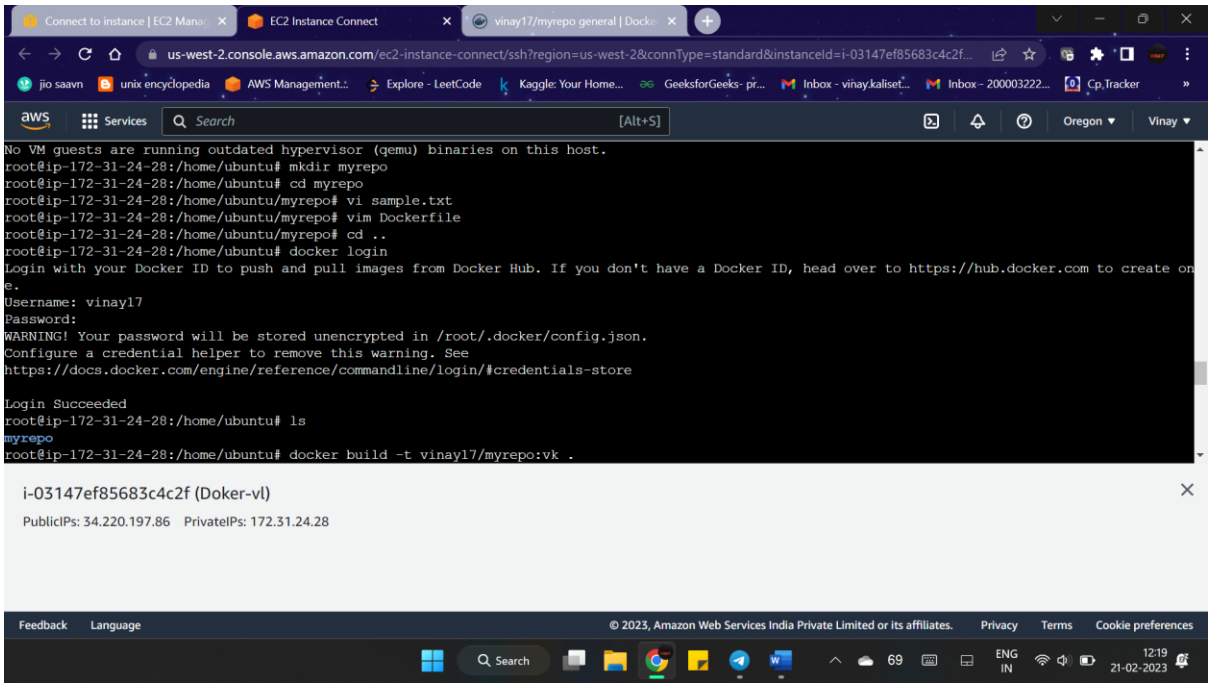
   Sample.txt:



Dockerfile:

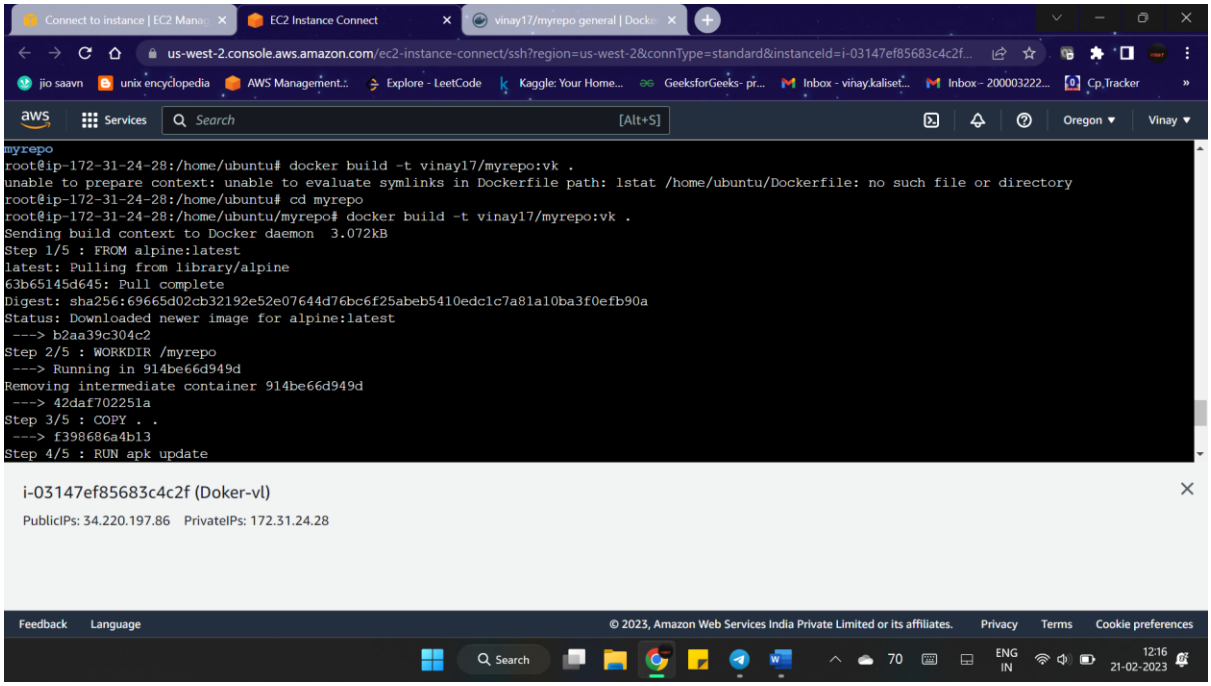


5. Login into your Docker Hub account using “docker login” command

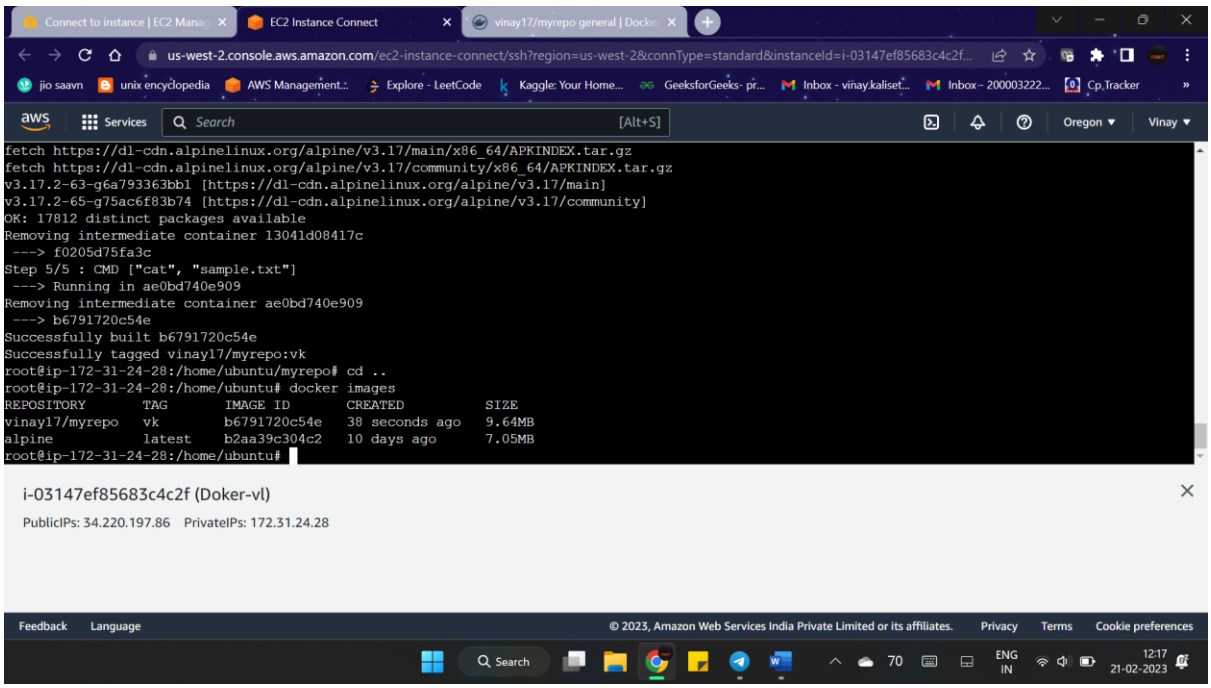


6. Now build the repo using the following command:

docker build -t [username]/[reponame]:[tag name] .

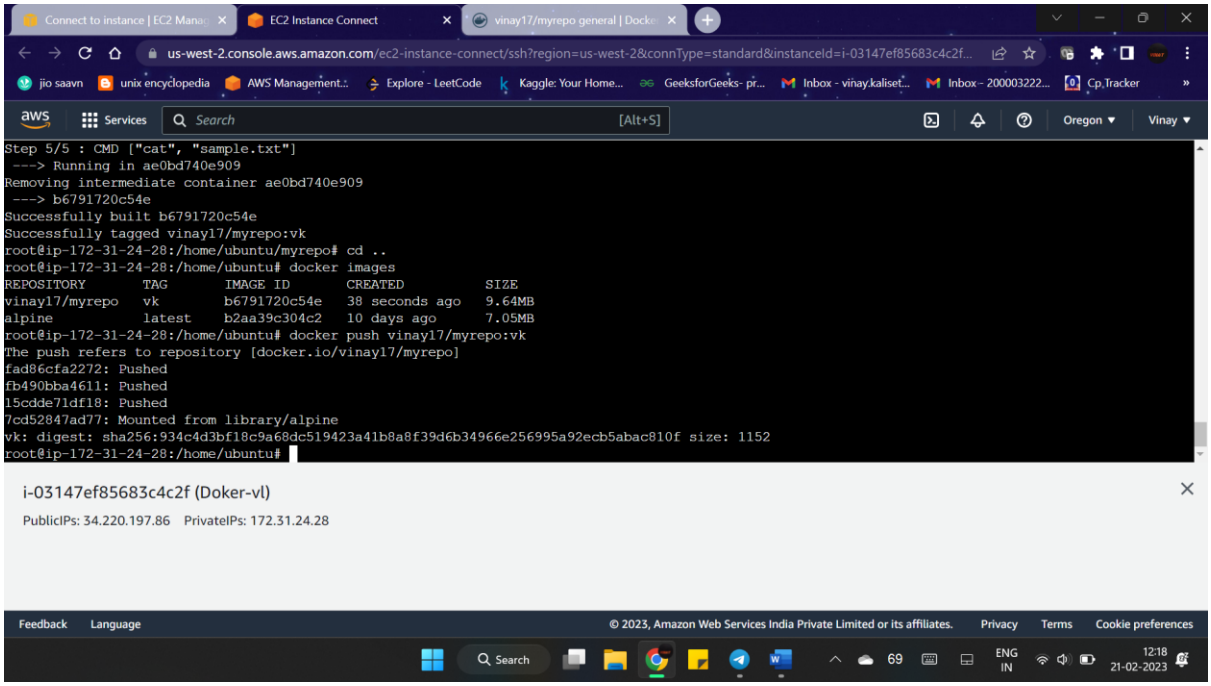


7. Now check your image using “docker images ” command

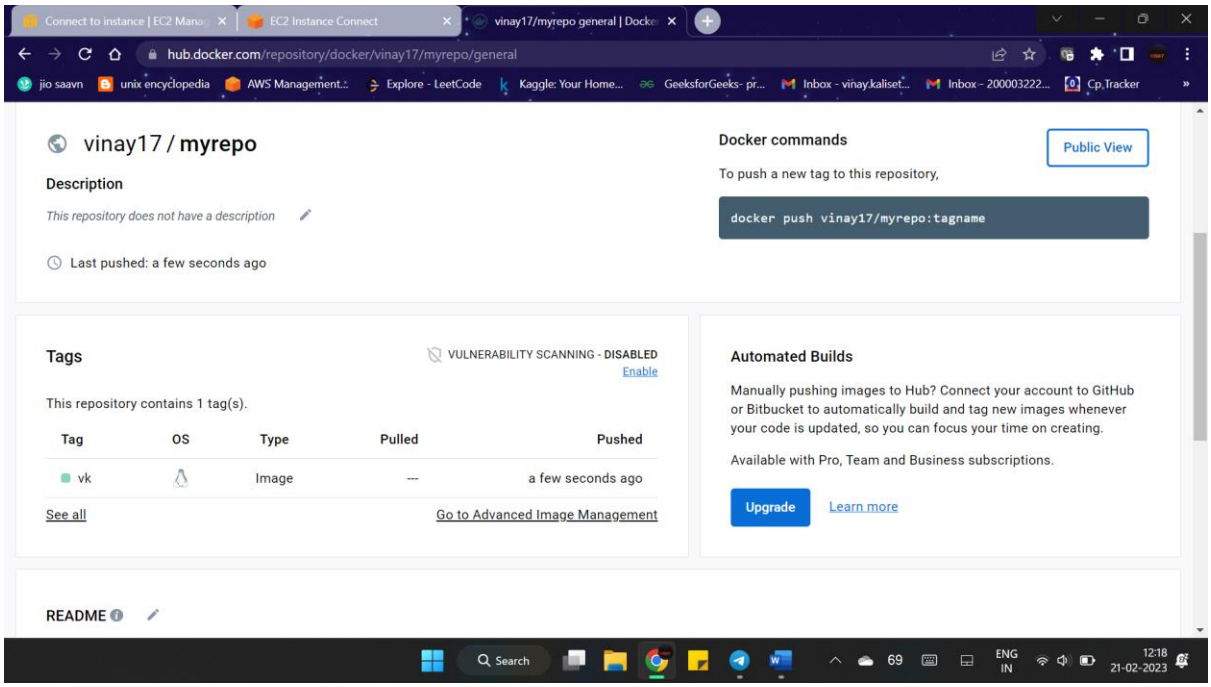


8. Now push the directory into your repository:

docker push [username]/[reponame]:[tag name]



9. The image will be pushed and updated in your Docker Hub repository.



10. You can also pull the repo using the command:
    docker pull [username]/[reponame]:[tagname]

11. Now run the file using the command:
    docker run [username]/[reponame]:[tagname]