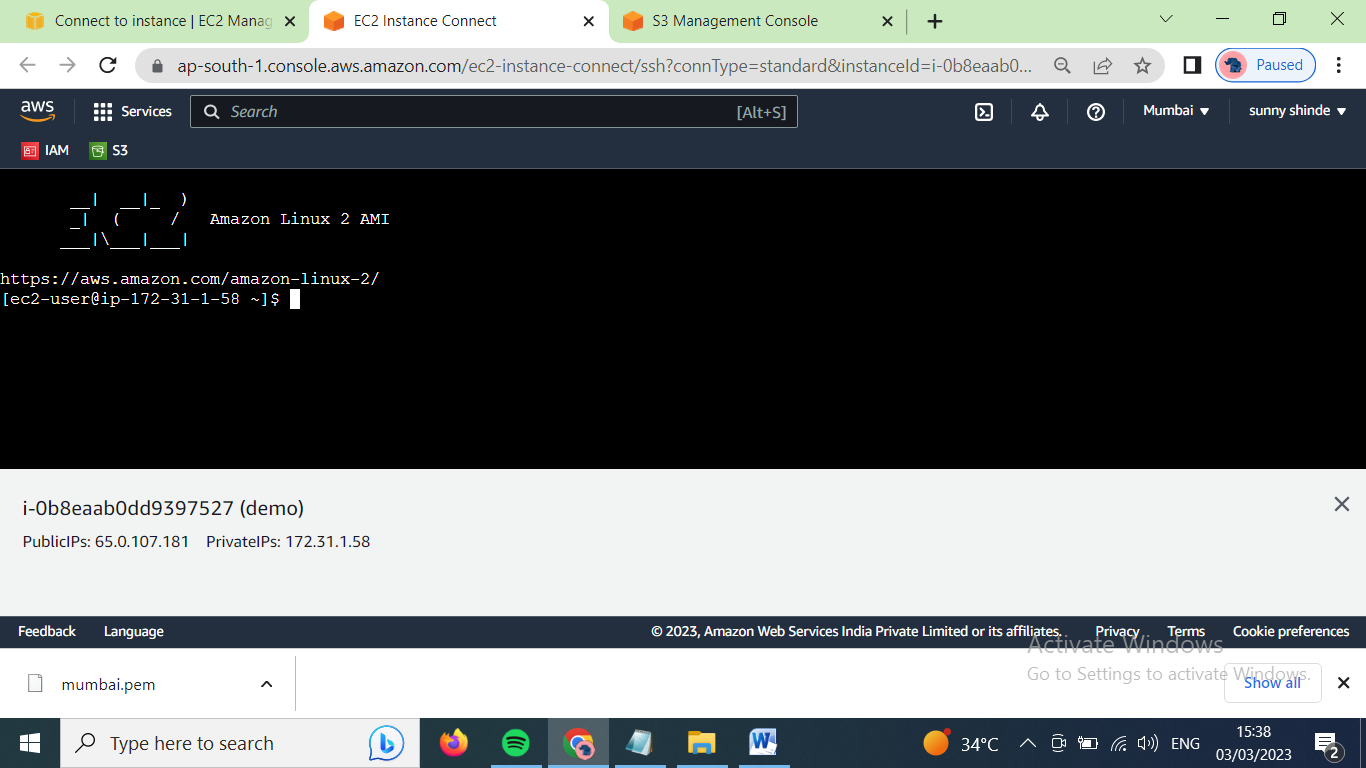
**mounting s3 bucket to instance**

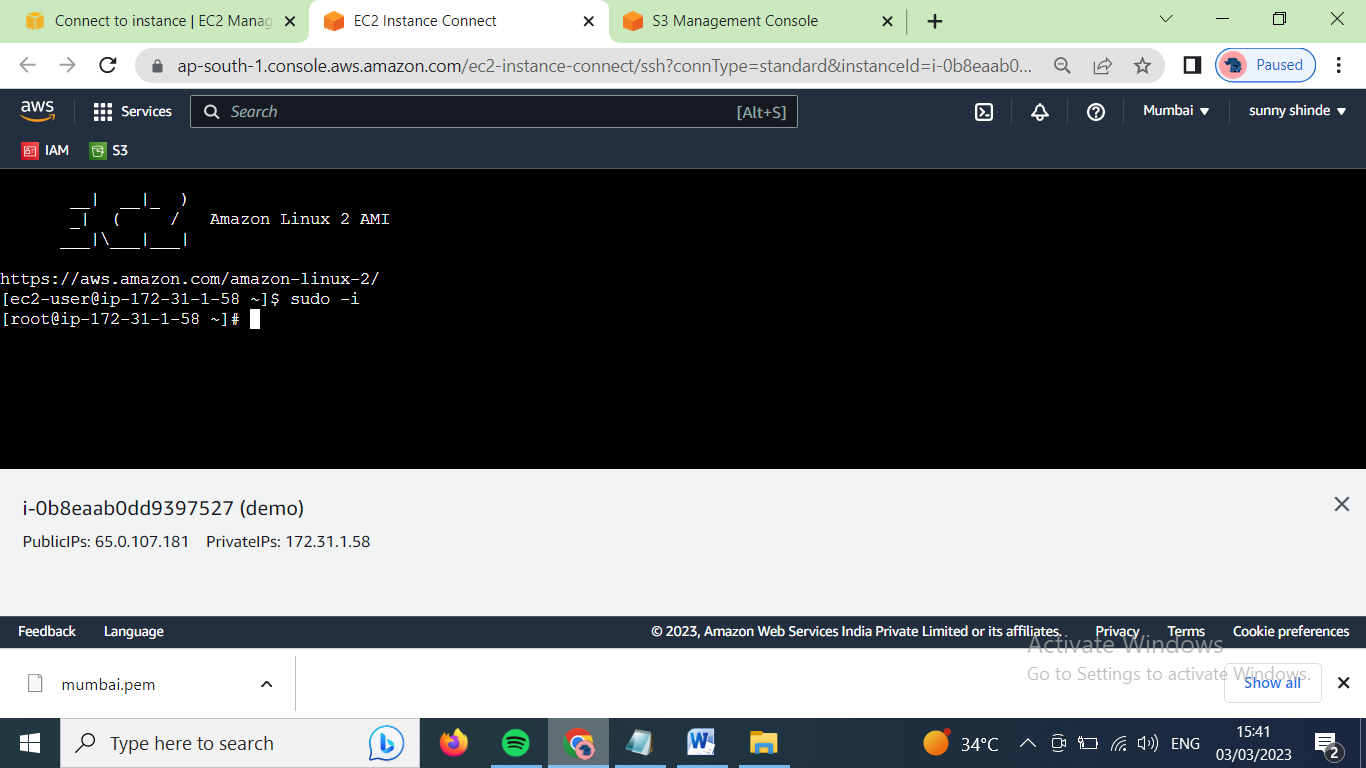
lets mount the s3 bucket named as ‘the-don’ to ec2 instance named as ‘demo’.

(**note** : bucket and instance are already created. Instance has permission of http, https, ssh traffic. OS machine image selected for instance is amazon linux)

First launch(connect) the instance.

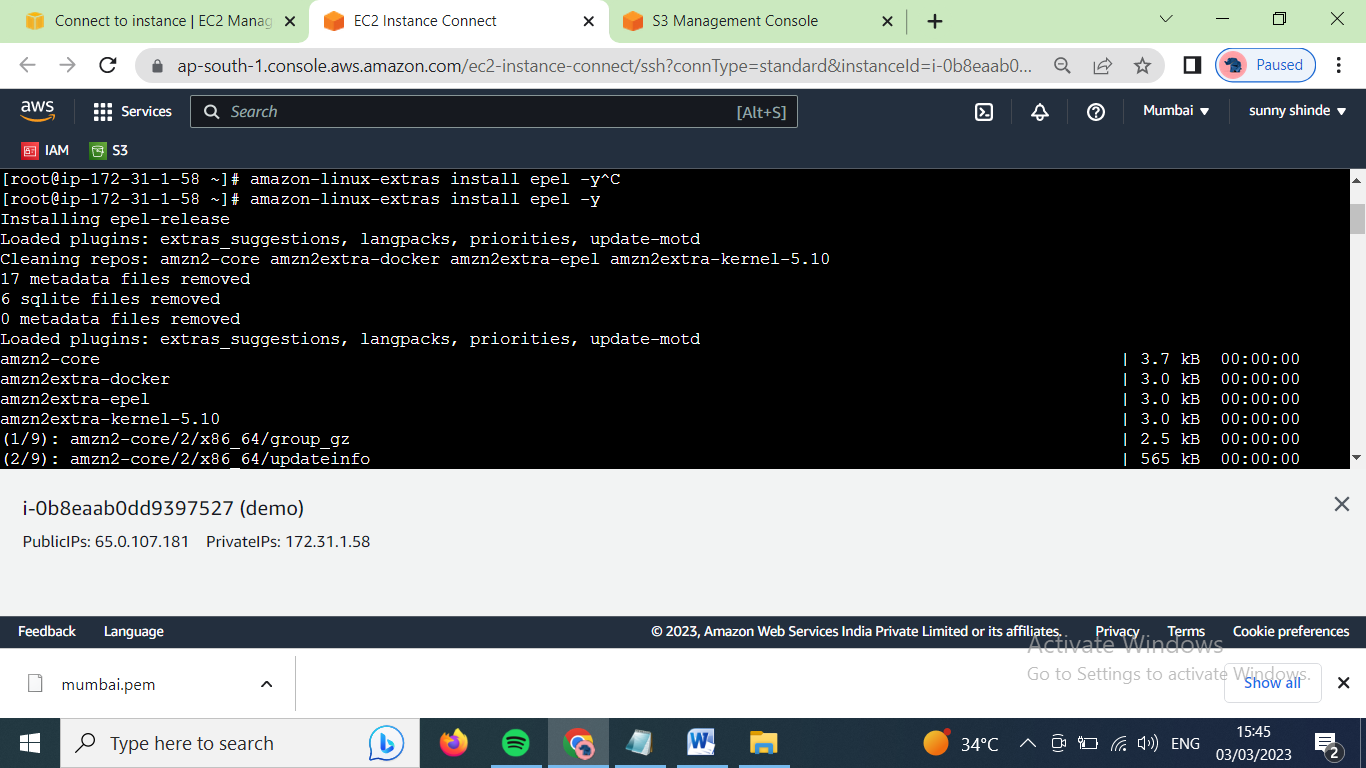


Lets switch to root user using sudo –i

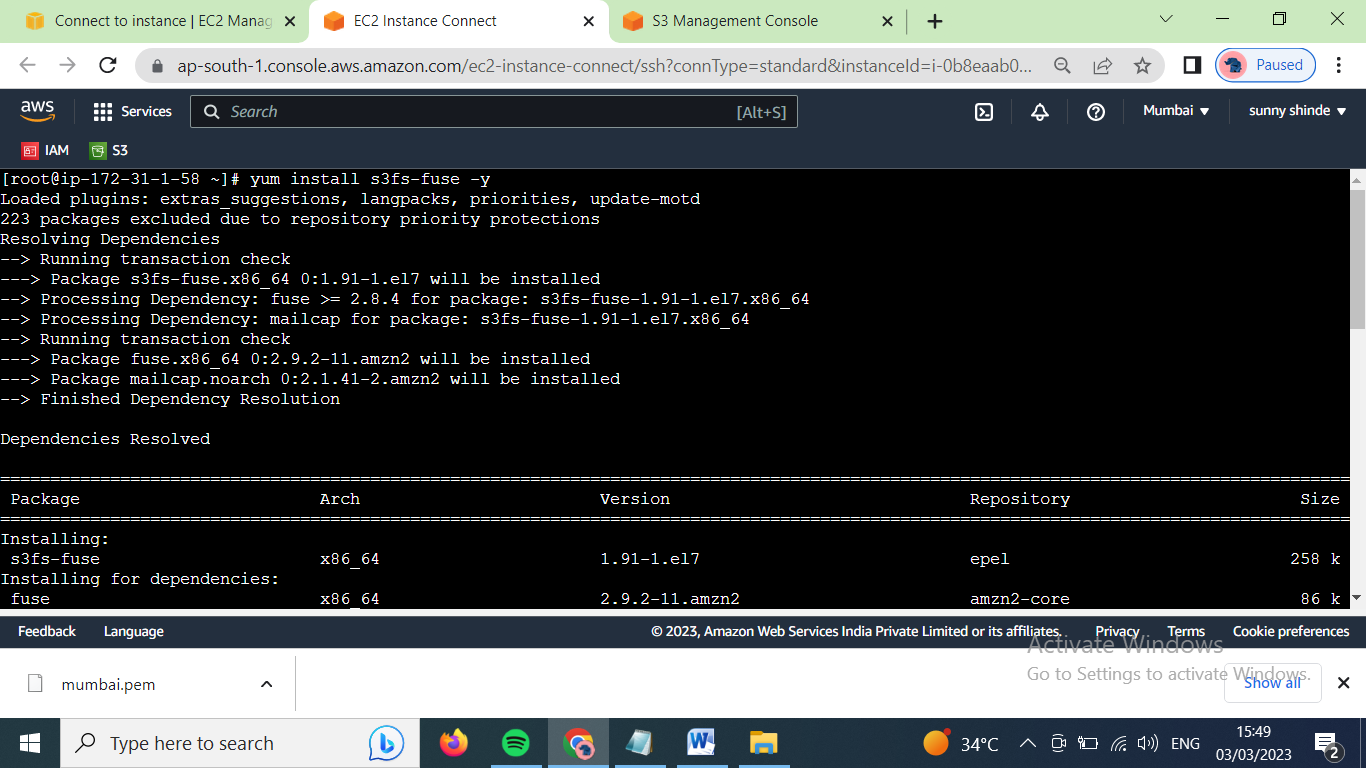


Lets download epel repository using command

‘amazon-linux-extras install epel –y’



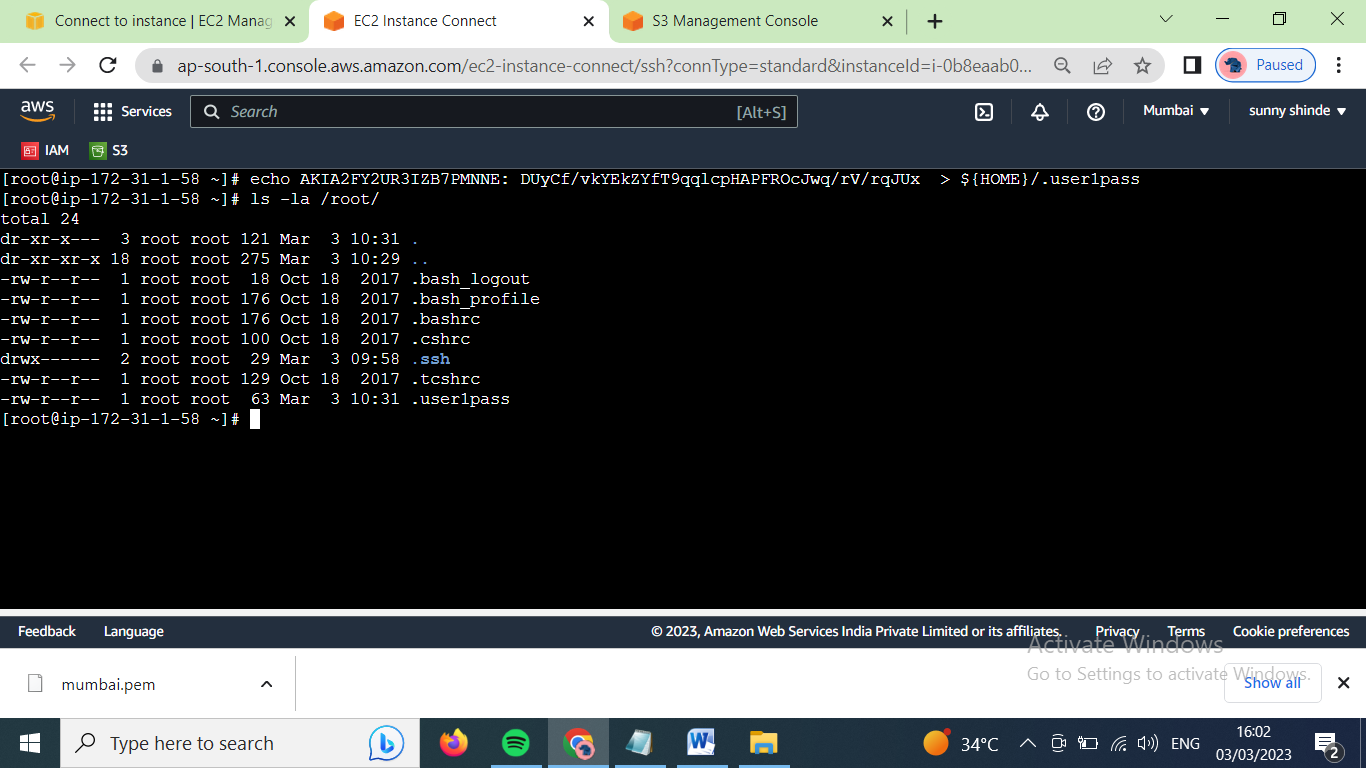
Lets install s3fs file system using command ‘yum install s3fs-fuse –y’



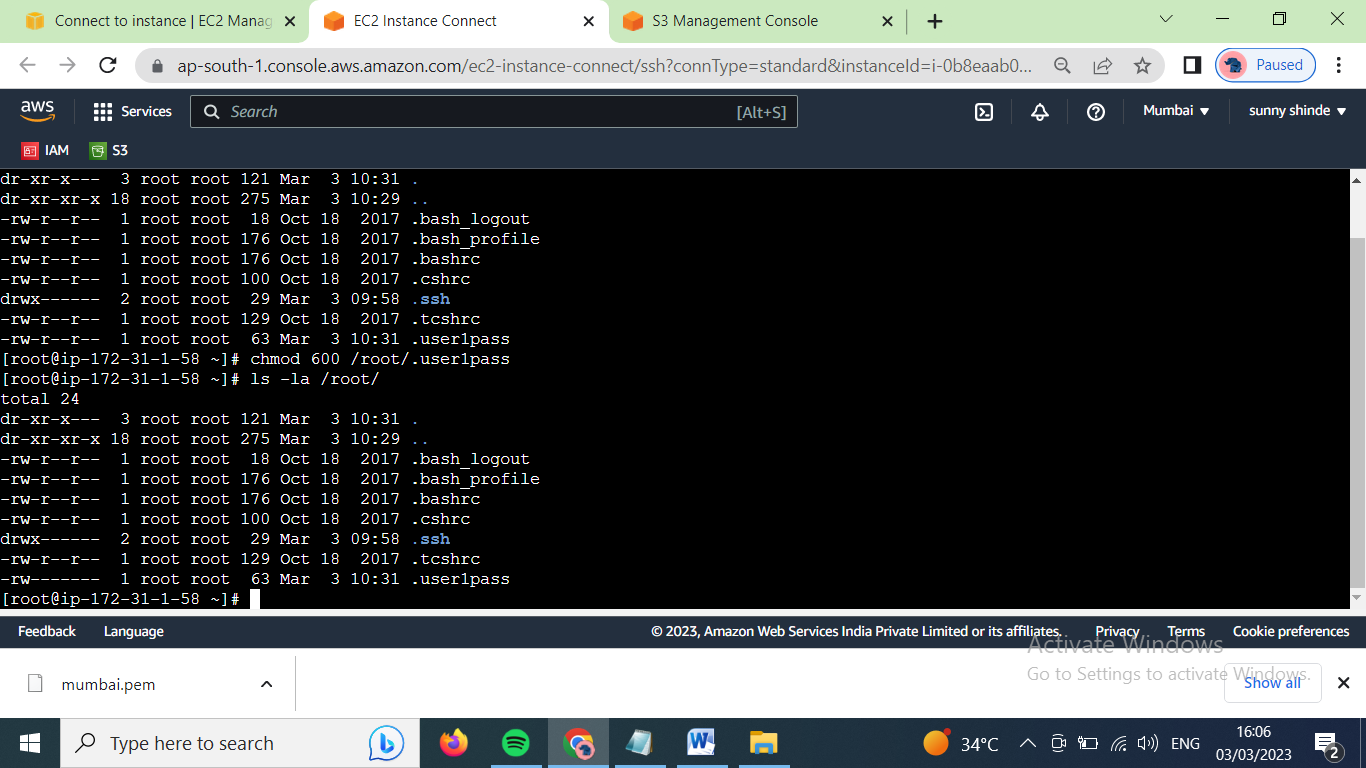
Now before the mounting, first we need to authenticate it with access key and secret key using following command

‘echo access\_key:privet\_key > ${HOME}/.<directory name>

Eg. echo AKIA2FY2UR3IZB7PMNNE: DUyCf/vkYEkZYfT9qqlcpHAPFROcJwq/rV/rqJUx > ${HOME}/.user1pass



Lets change permission of file ‘user1pass’ to 600 using command ‘chmod 600 /root/.user1pass’

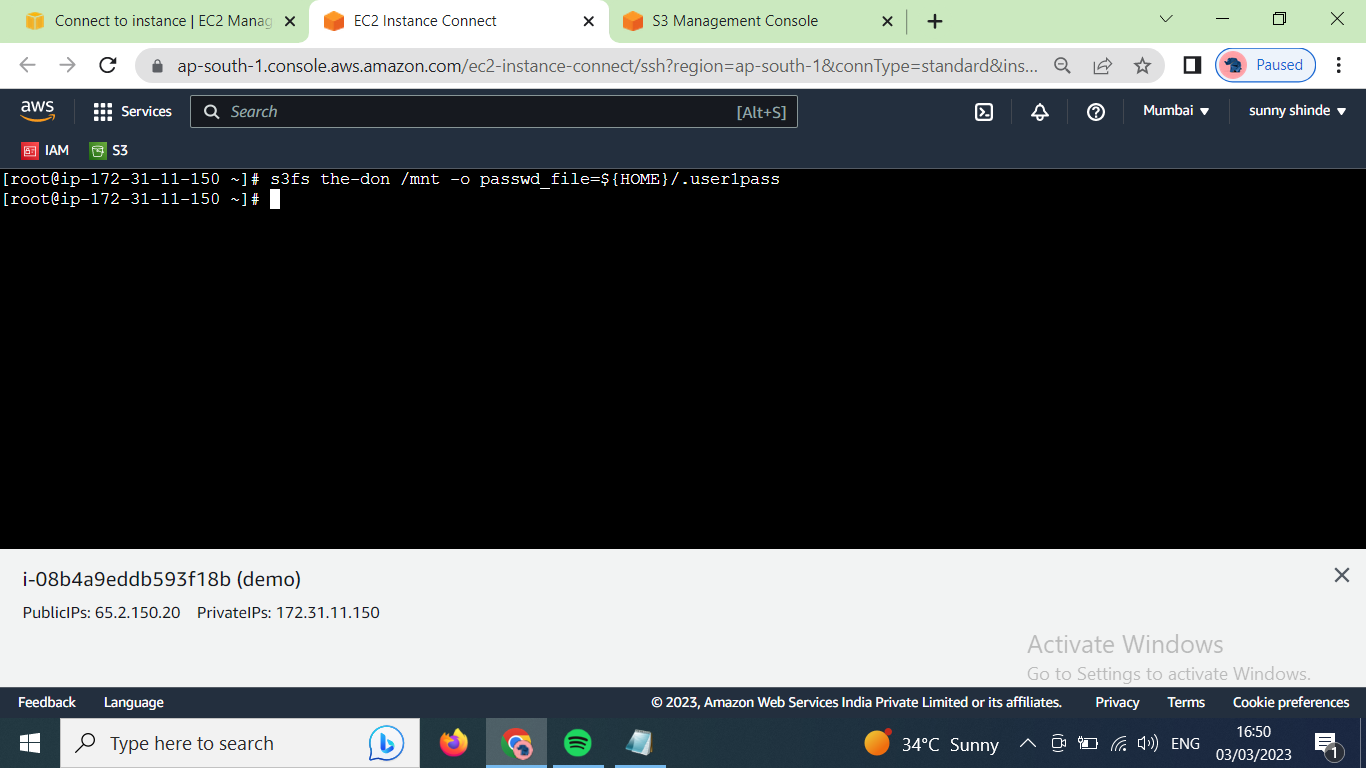


Lets mount bucket to existing directory /mnt

To give the bucket file system use following command

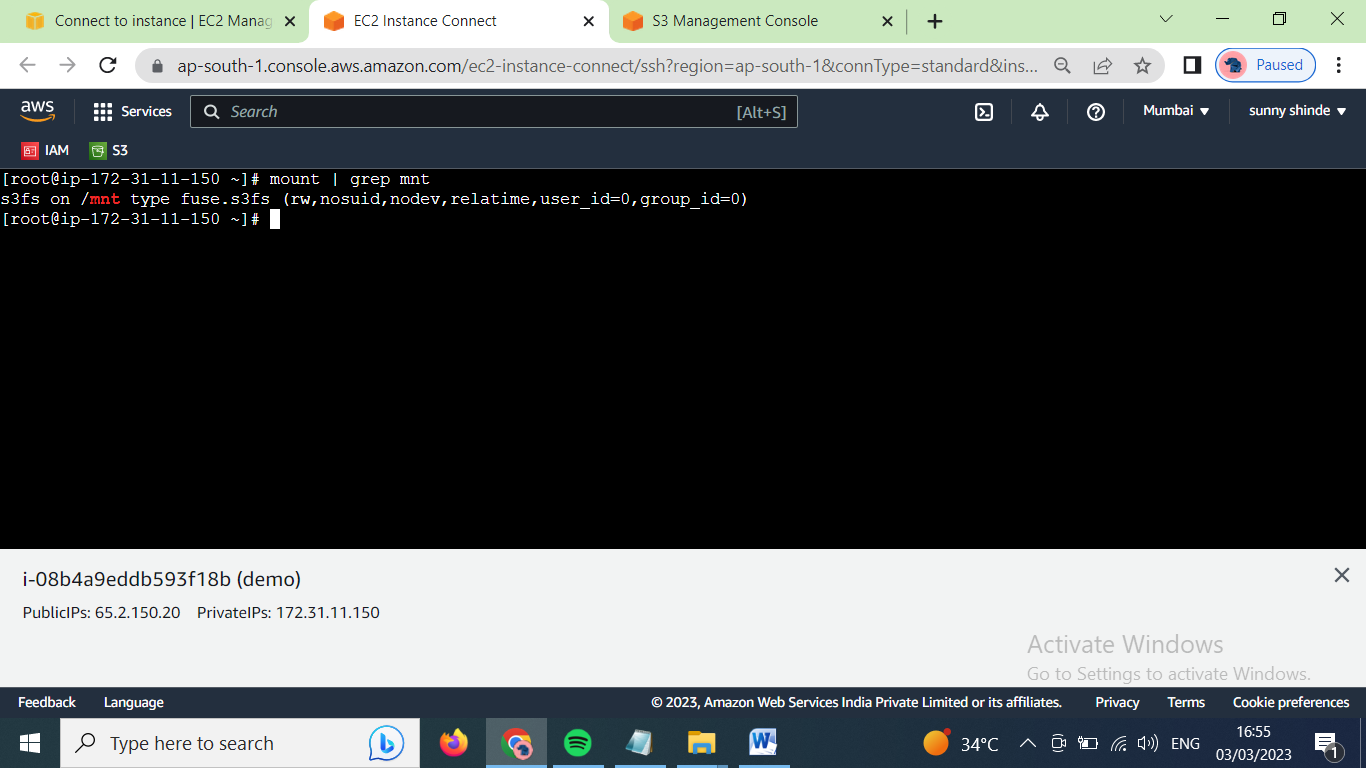
S3fs bucket\_name /directory\_name –o passwd\_file=${HOME}/<file\_name\_of\_credentiels>

Eg. s3fs the-don /mnt -o passwd\_file=${HOME}/.user1pass

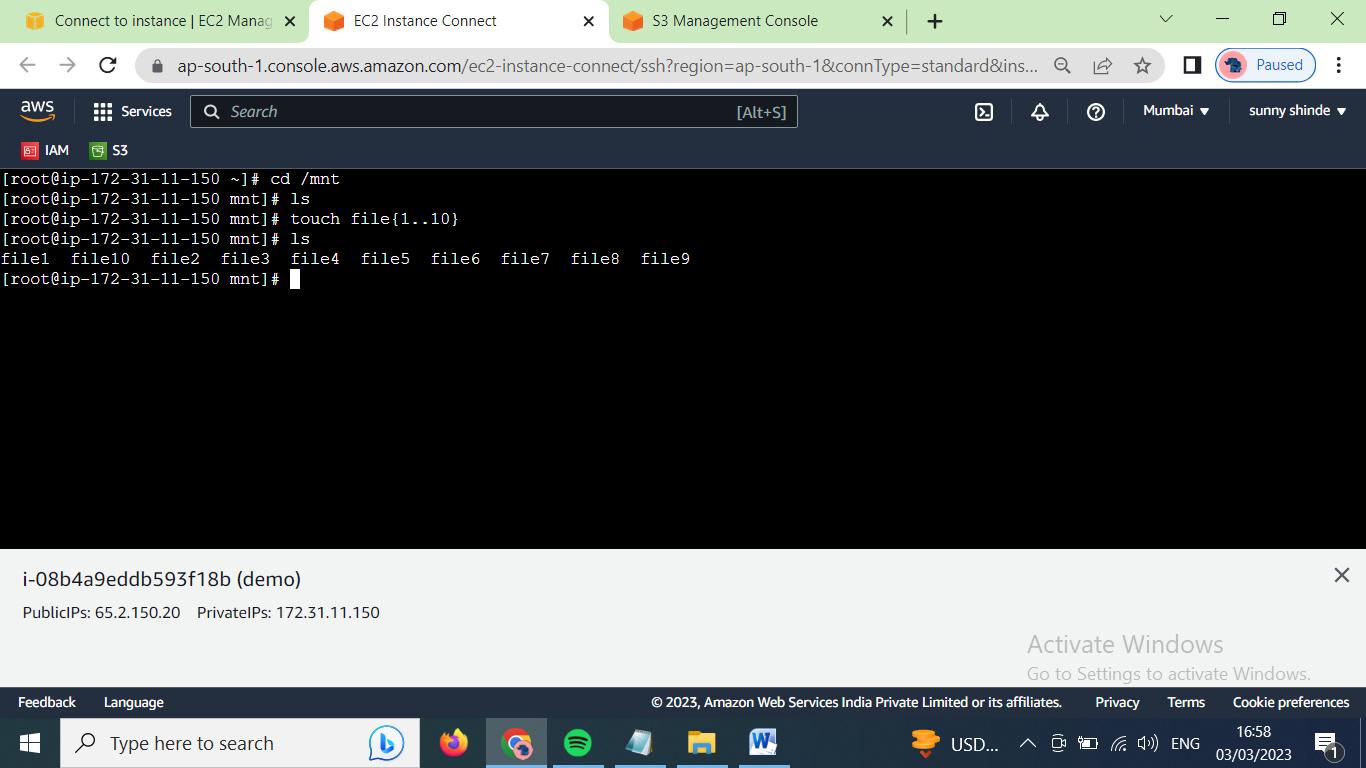


Now lets check our directory is mounted or not using following command

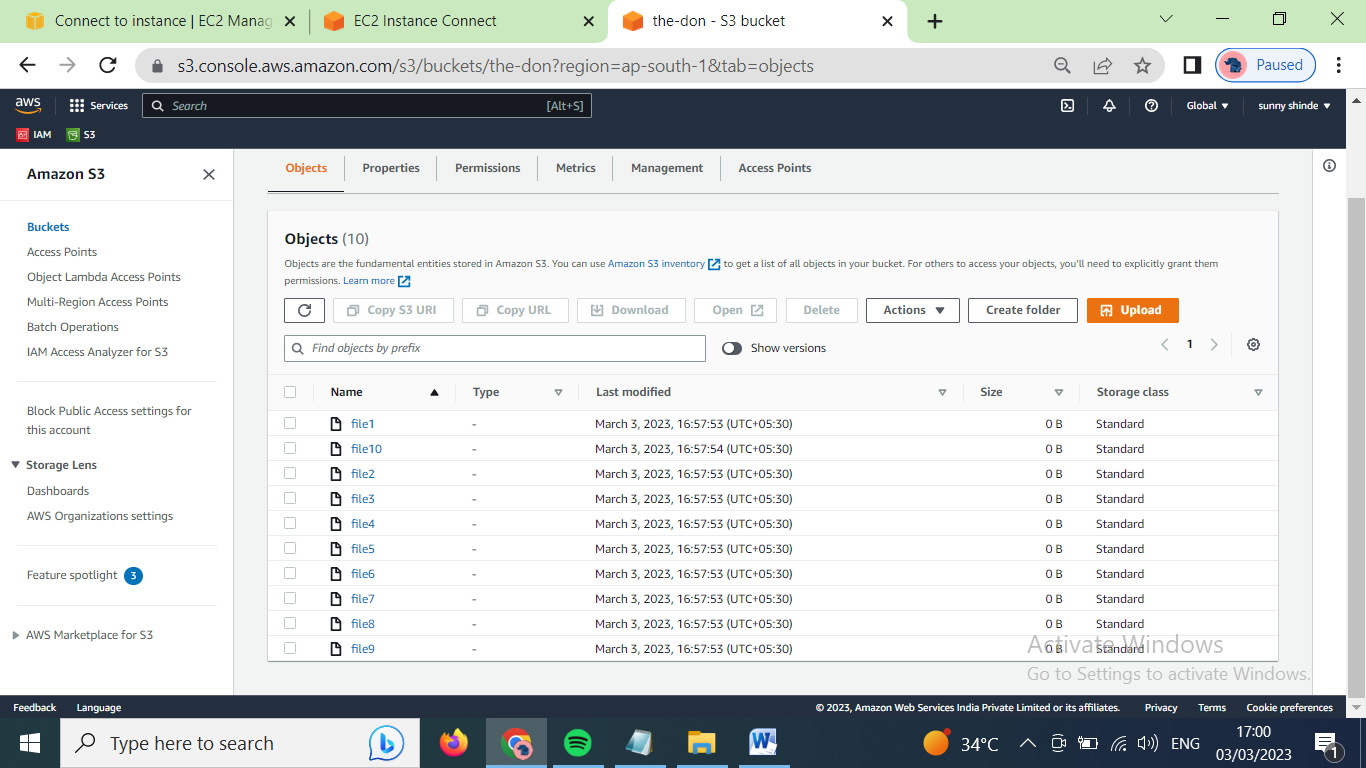
mount | grep mnt



Lets go to the /mnt directory and create some files.



Now go to the s3 bucket to verify that the files are created in bucket.



Now our ec2 instance is successfully mounted on s3 bucket.

(note : we can mount s3 bucket to instance but we can not use it as EBS volume.)