

Private key and Public key

Definition:

A public key is shared and used to encrypt messages, while a private key is kept secret and used to decrypt messages. Public keys can be freely distributed, while private keys must be kept confidential.

Here is an example I want to explain in better way to understand consider lock as public key which can be visible to everyone, but key won't be visible to All.

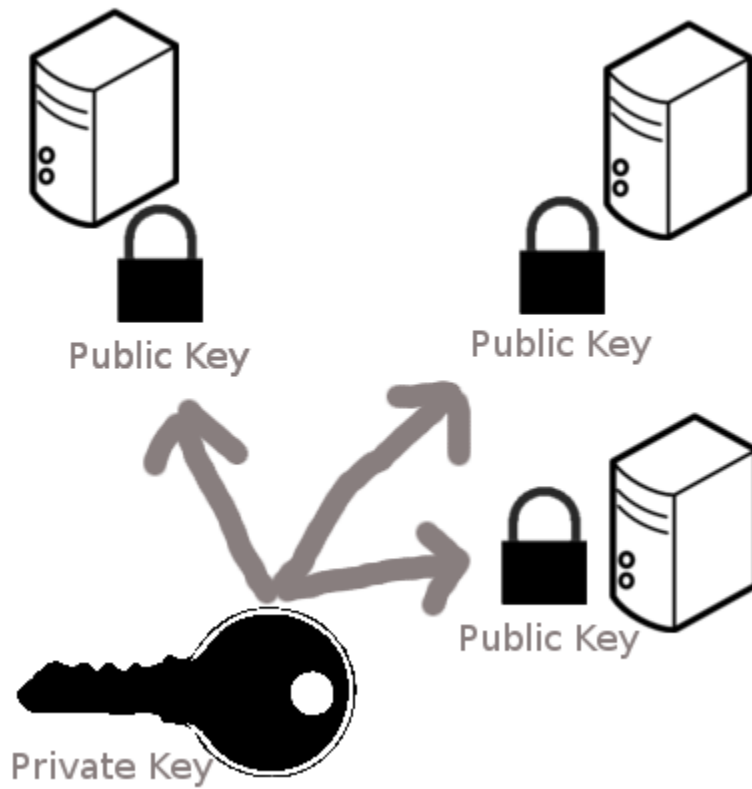


Private Key



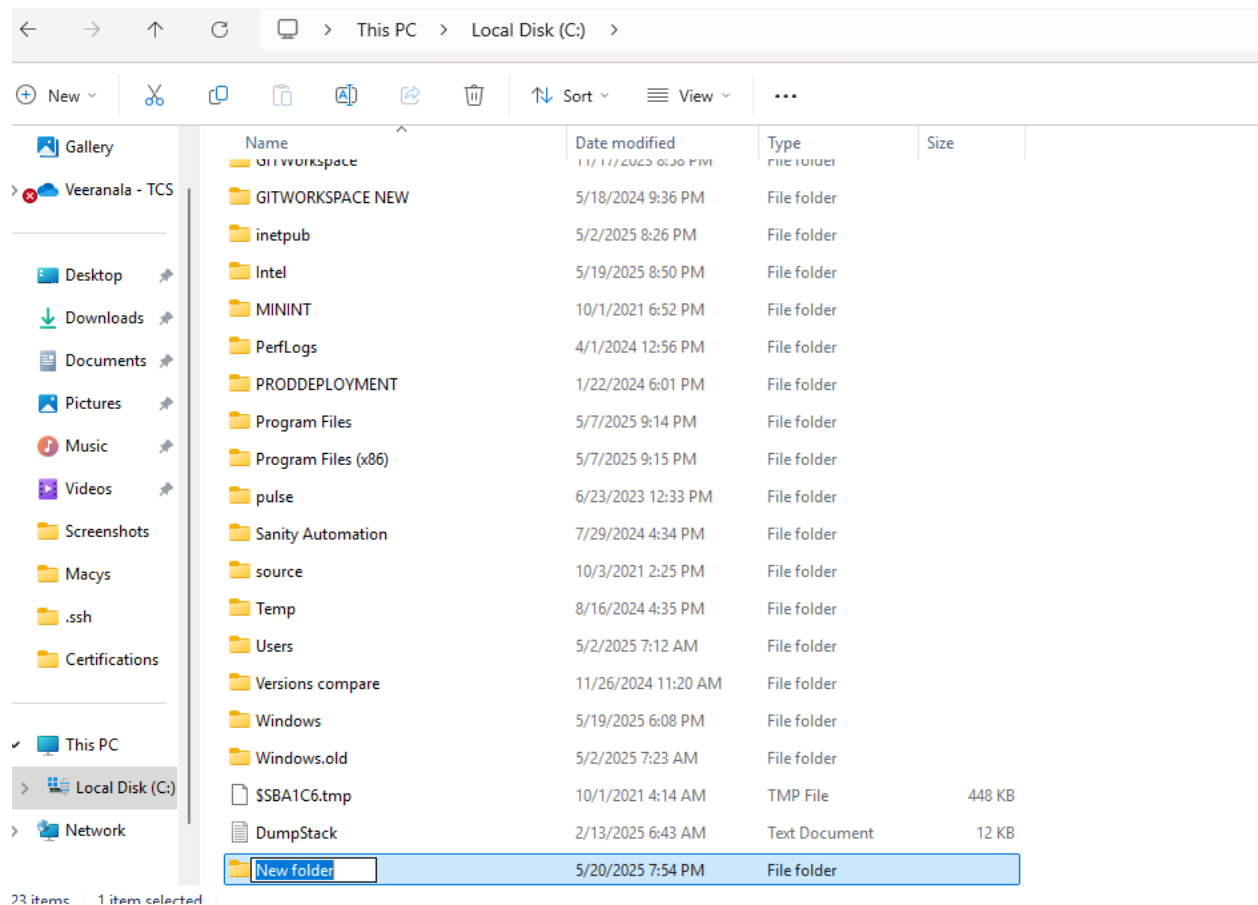
Public Key

The person who can have key they can only open the lock by using key similarly for connecting to the servers must have public access key and private key.

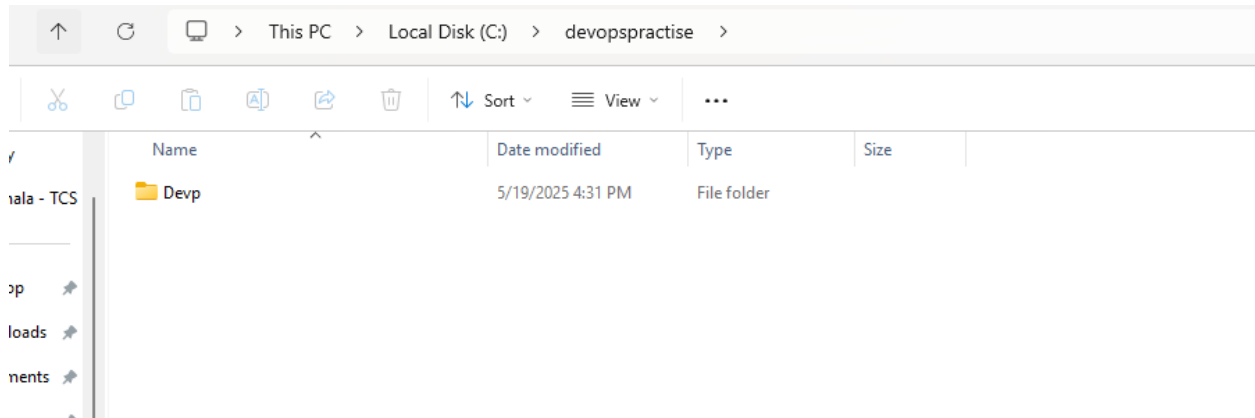


PROCESS FOR CREATING PUB KEY AND PRIVATE KEY

Create folder with any in your local machine example I am creatin in C drive folder and named the folder as devopspractise.



Inside devopspractise folder create Devp folder.

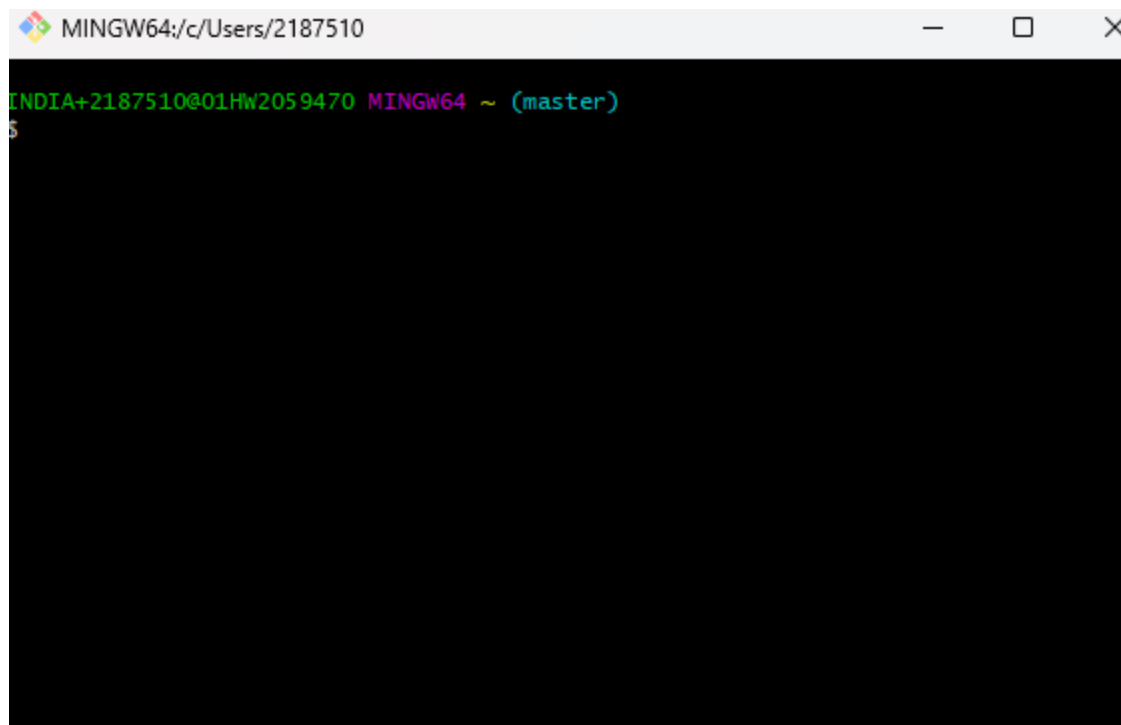


Now open gitbash, If gitbash is not available in your system let's install .

Just go browse search git and open first link <https://git-scm.com/>

Install git after that give permissions allow.

After install open gitbash

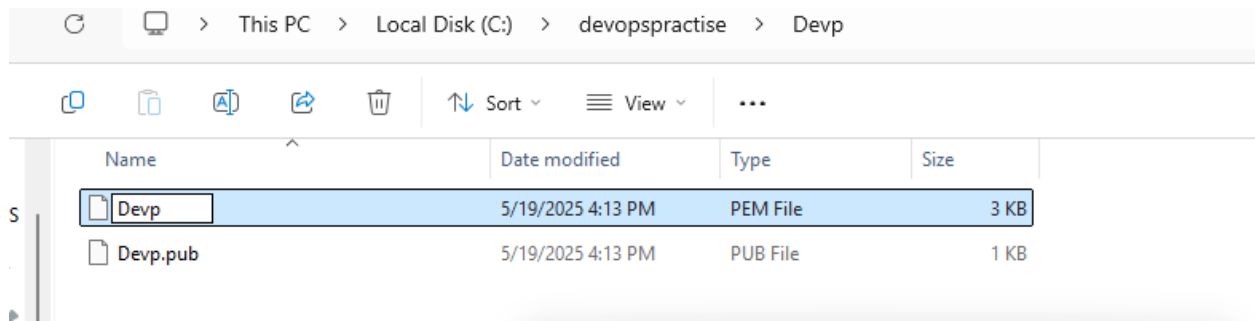


Give the below command.

Command: ssh -keygen -f Devp

Press **enter**

Now open folder in Devp then you can be able to see public key and private key file.



Devp.pub is public key file

Devp is private key

Rename the private key file as **Devp.pem**

