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Roll no. : A073
Msc. SDS Batch 2

# Cloud Computing Prac 5

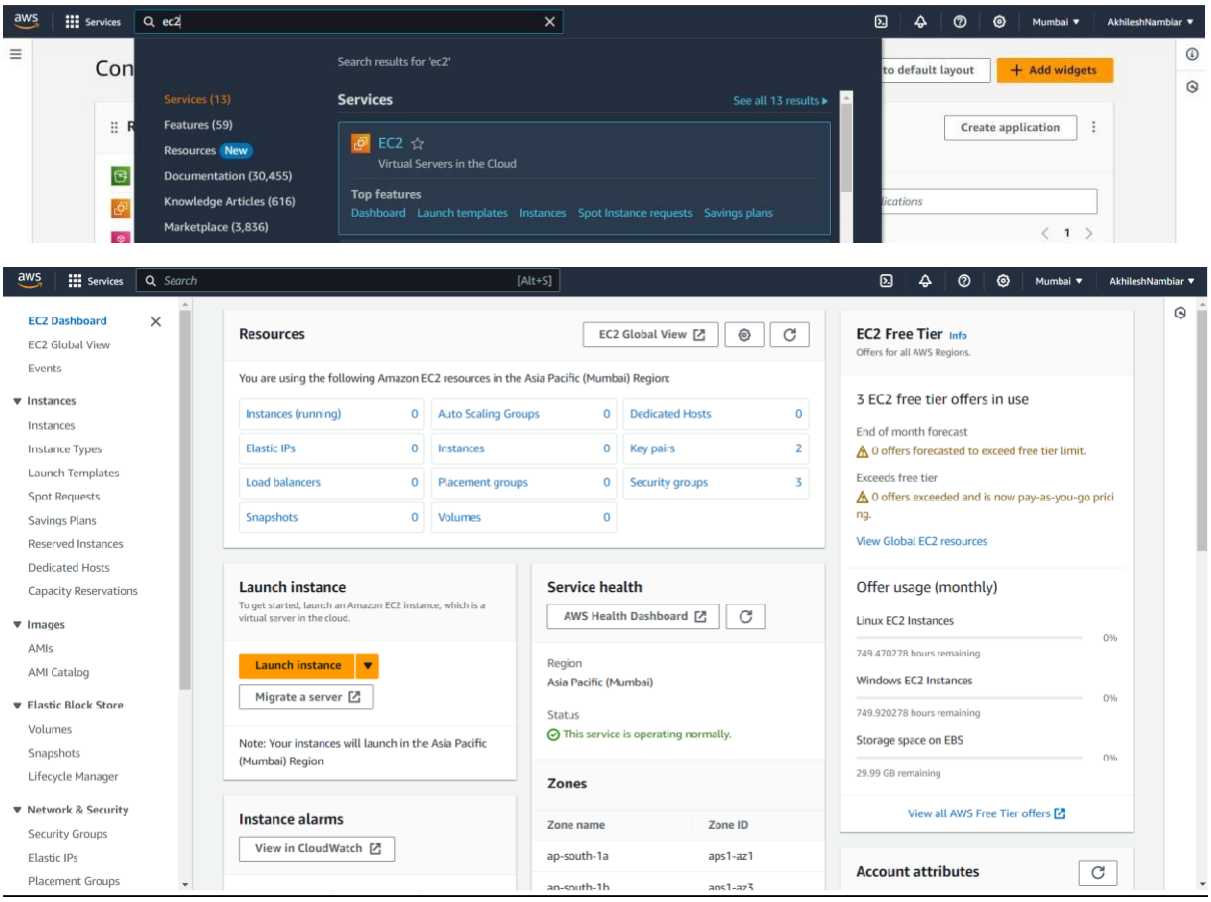
1) Implement the Ubuntu machine using AWS EC2 and execute the Linux commands in MobaXterm.

## Steps:

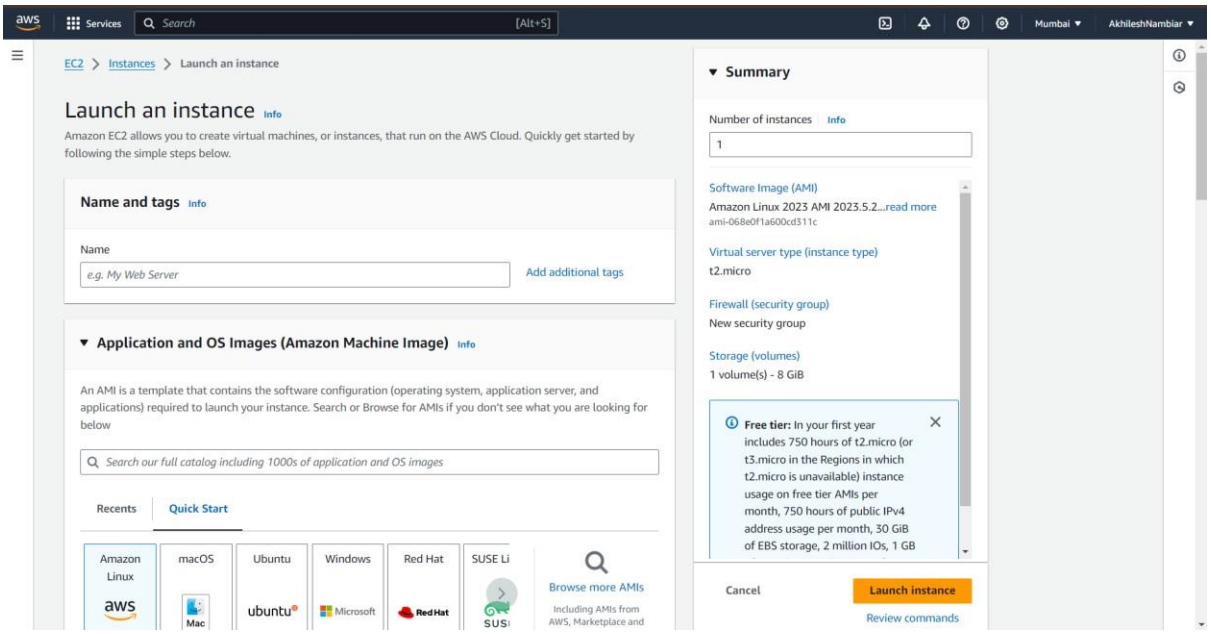
Open Amazon Web Services (AWS) and login into the services.

Search EC2 on the search tab.

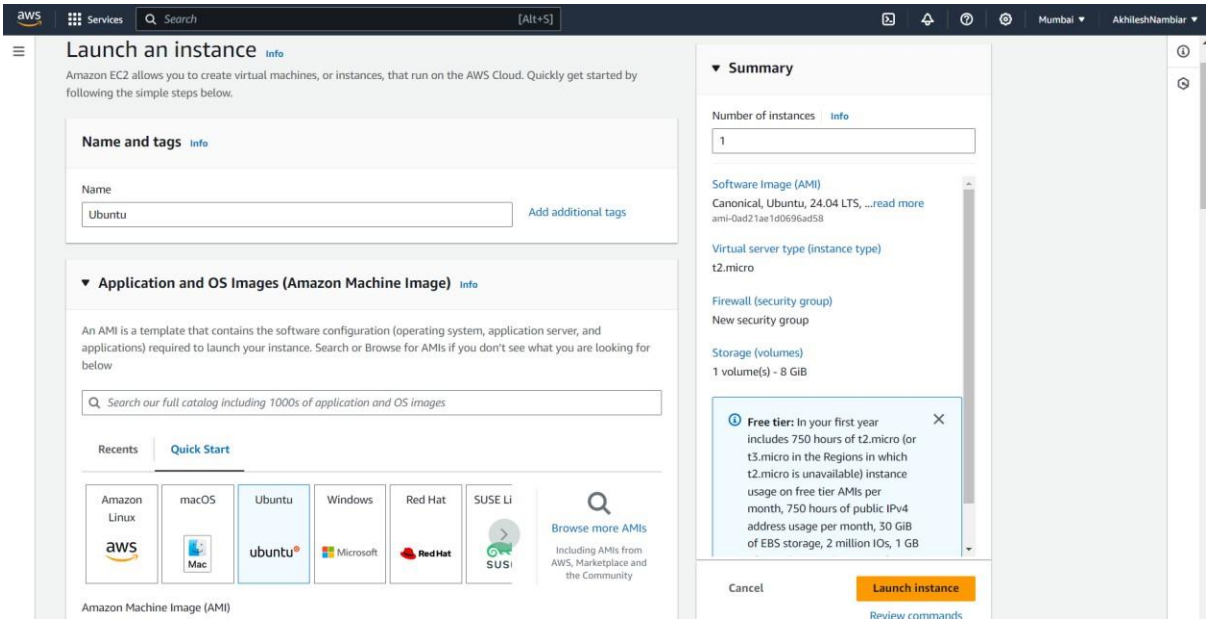
Click on EC2.



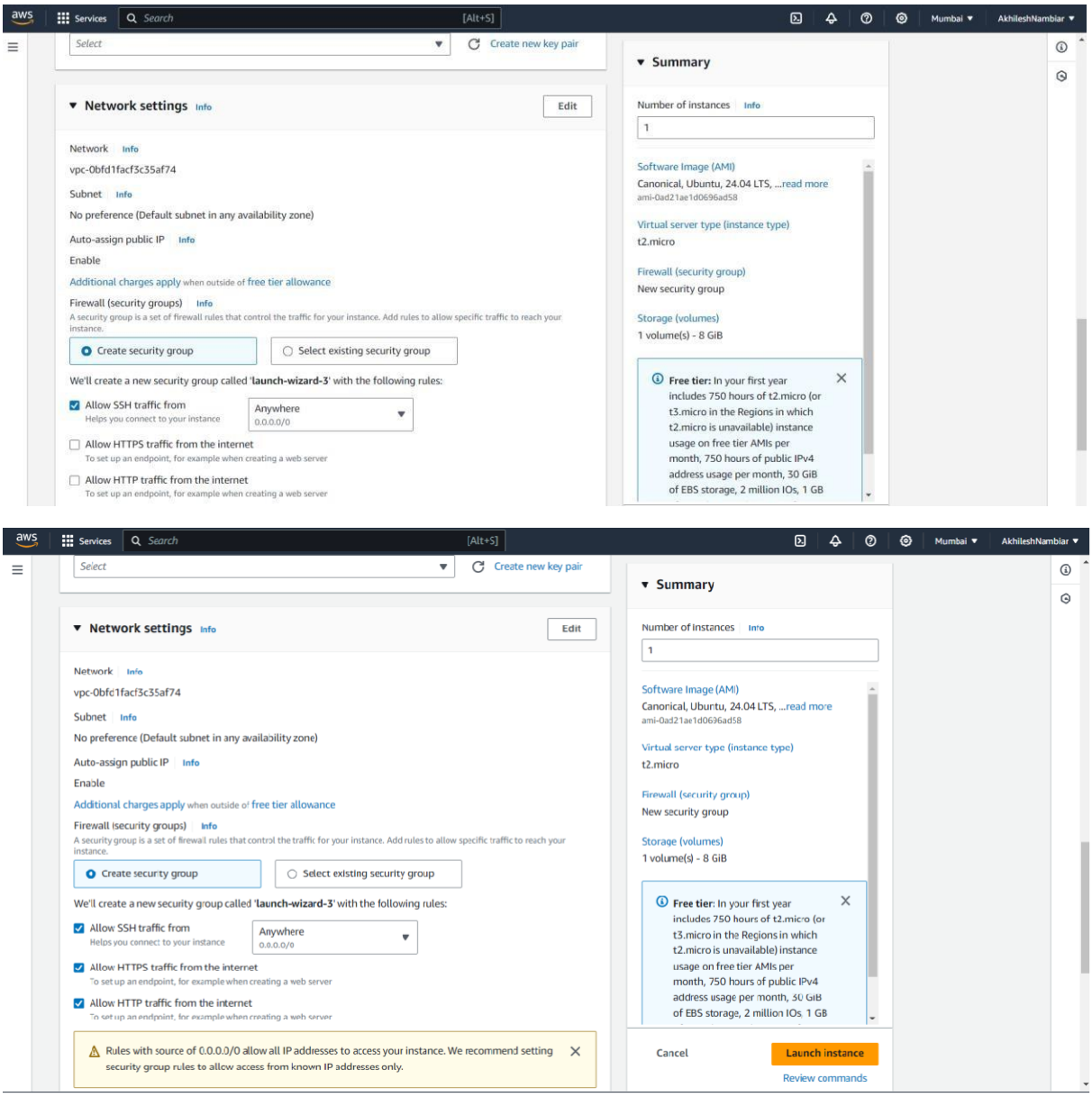

Click on Launch instance.




Give the name to the instance and select the Ubuntu option.




Scroll down and select all the three options i.e Allow SSH, HTTPS, HTTP.

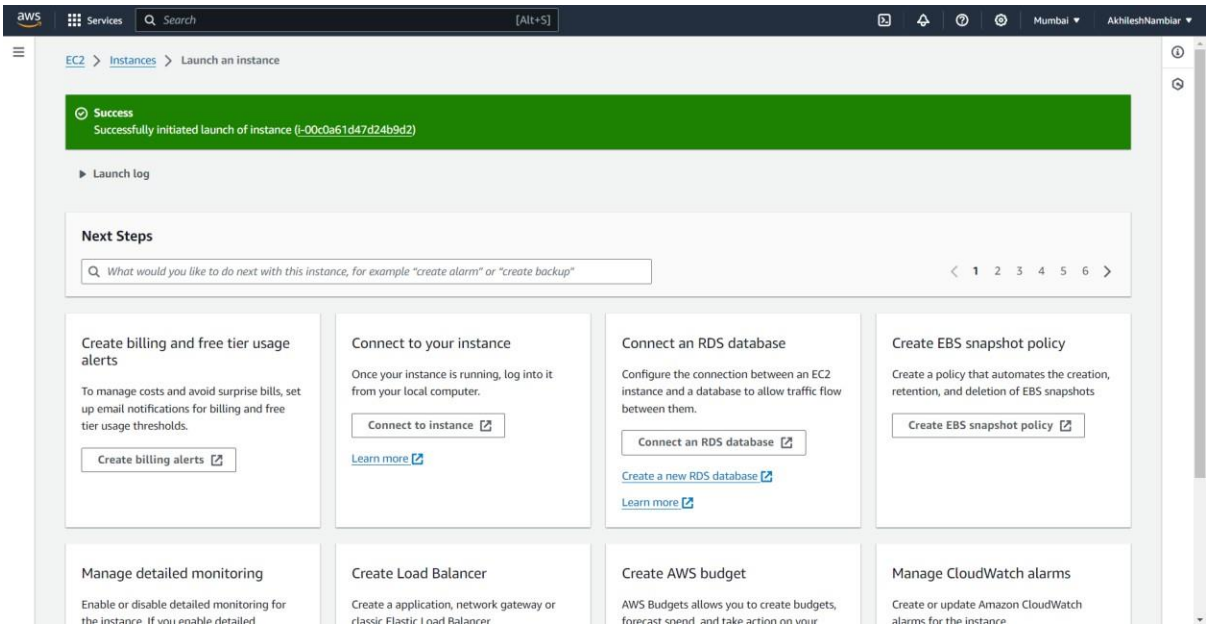




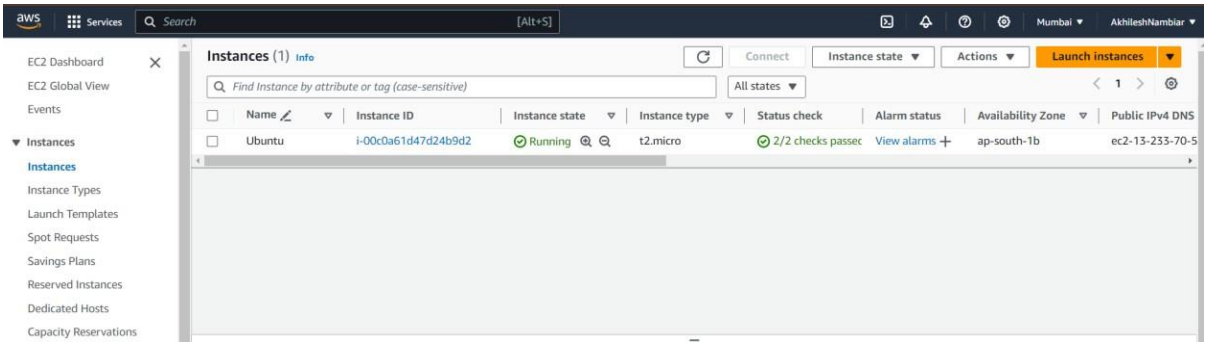


Click on Launch instance.

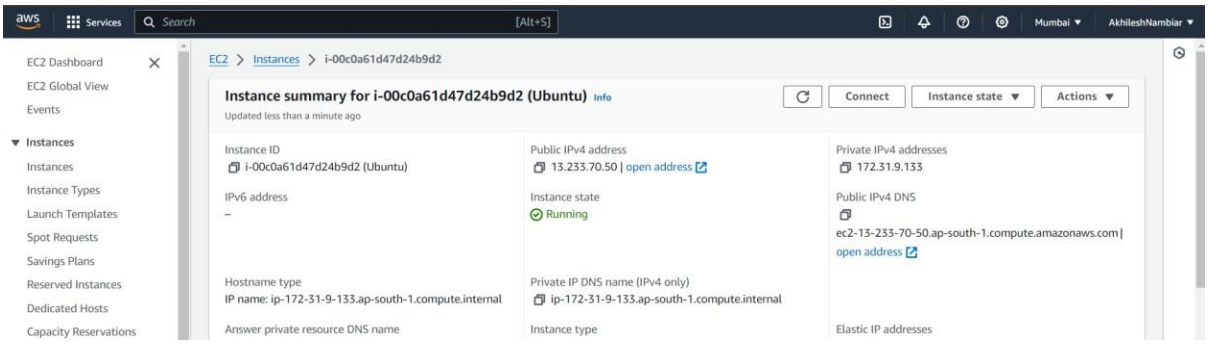
Next is to create a key pair so give a unique name to key pair and select .pem option and by default RSA option should be selected if not select that option.



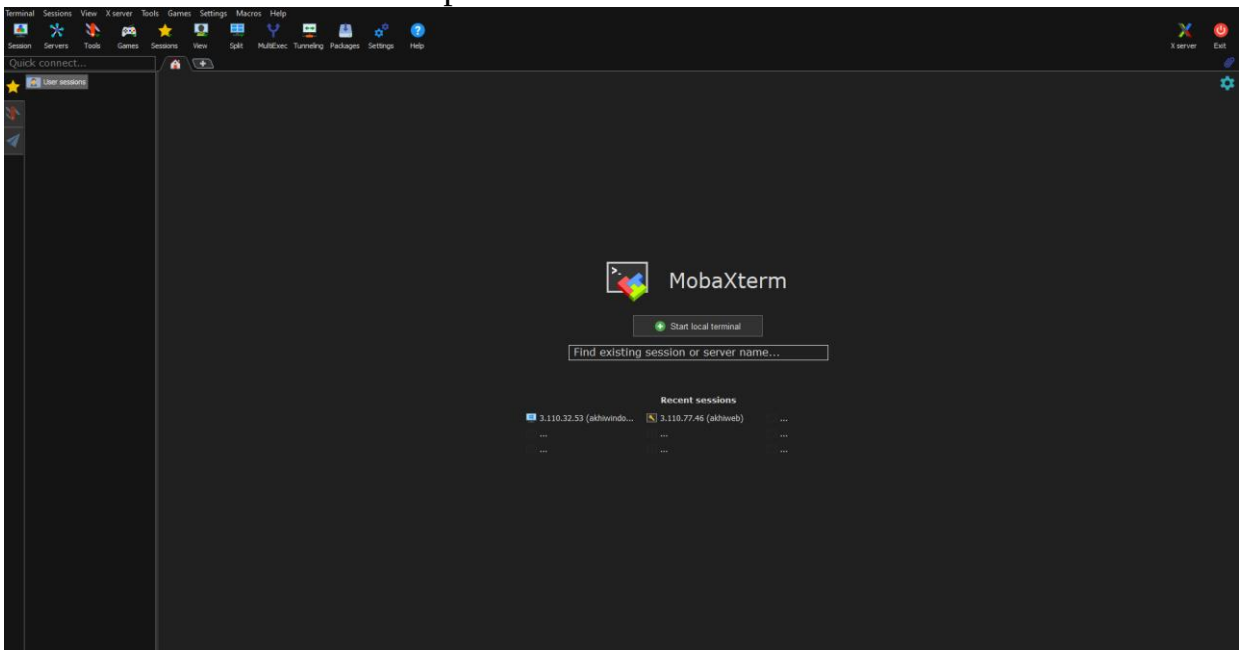

Now click on the three horizontal bar and then click on instances.



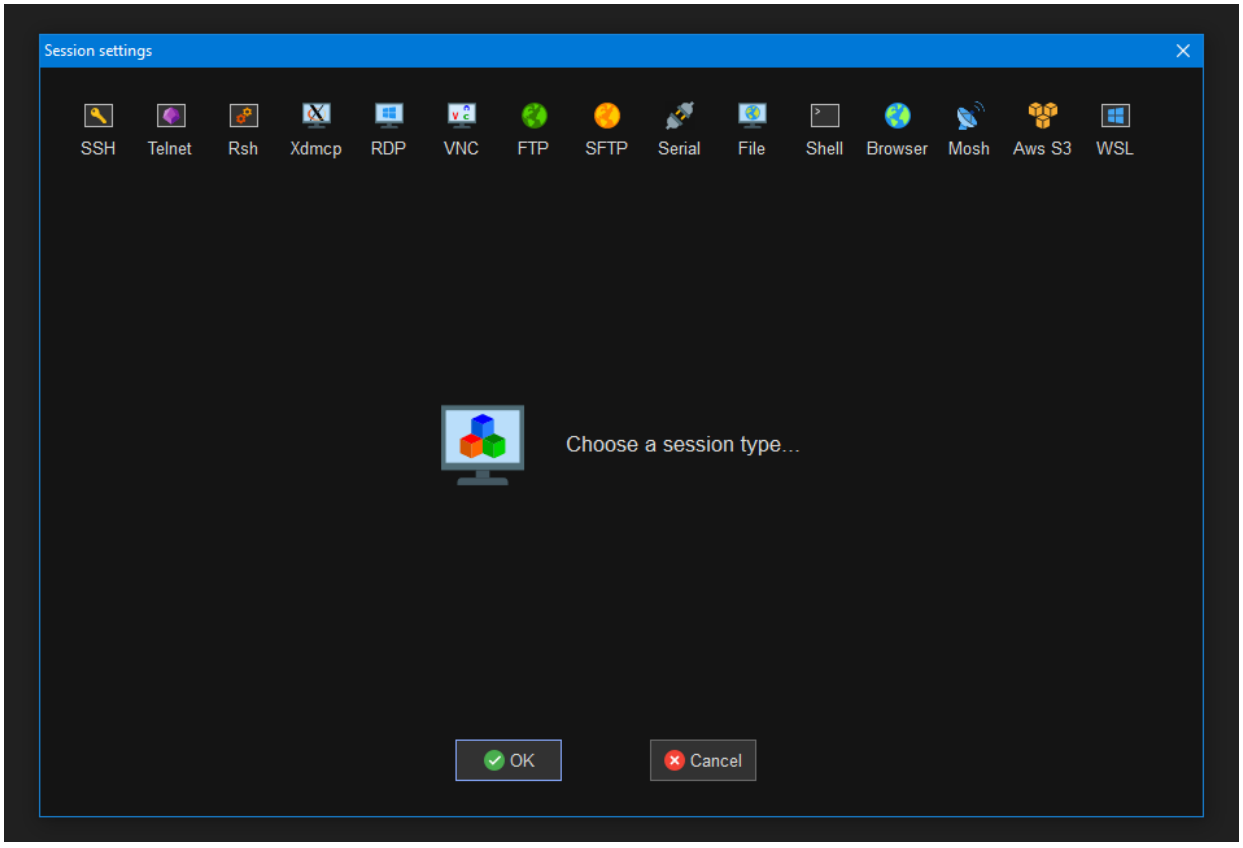

Now click on instance id link after that click on Connect .



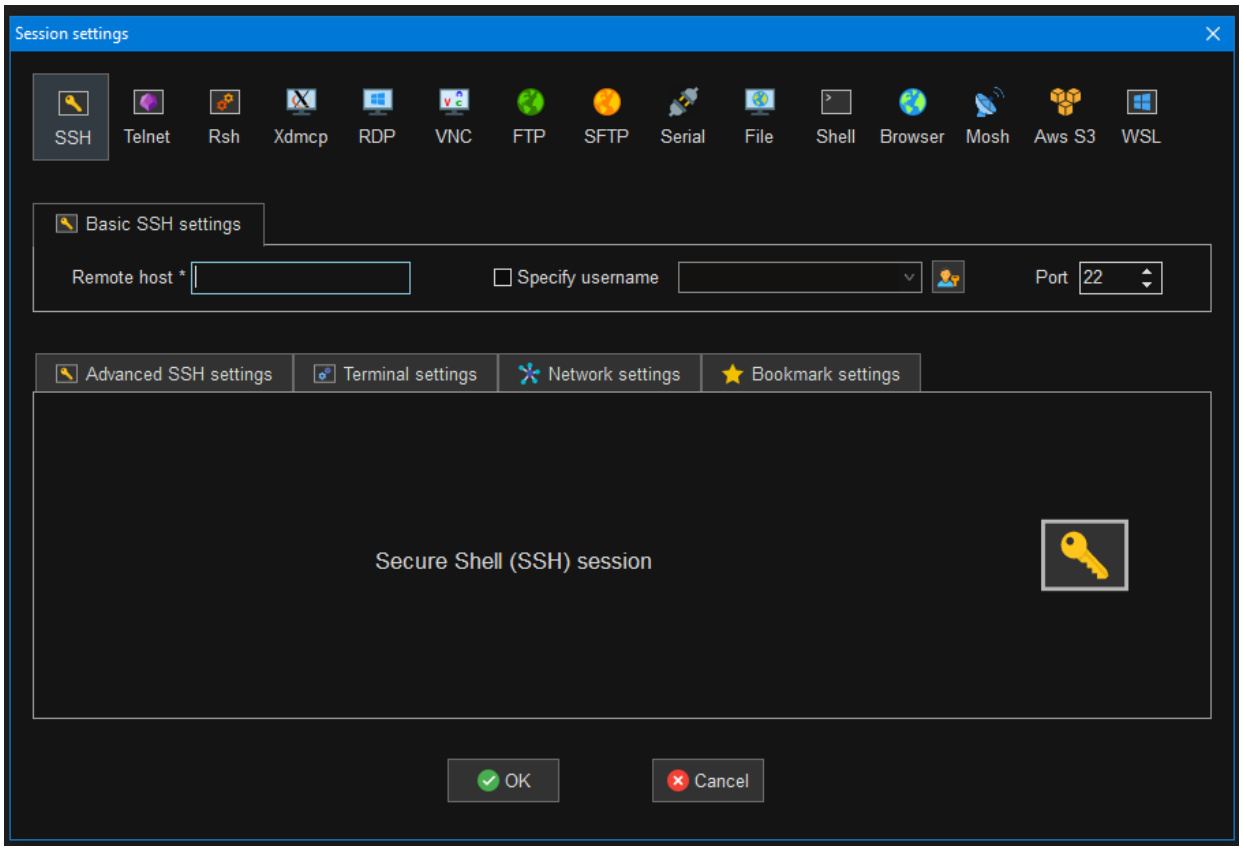
Download MobaXterm and open it.



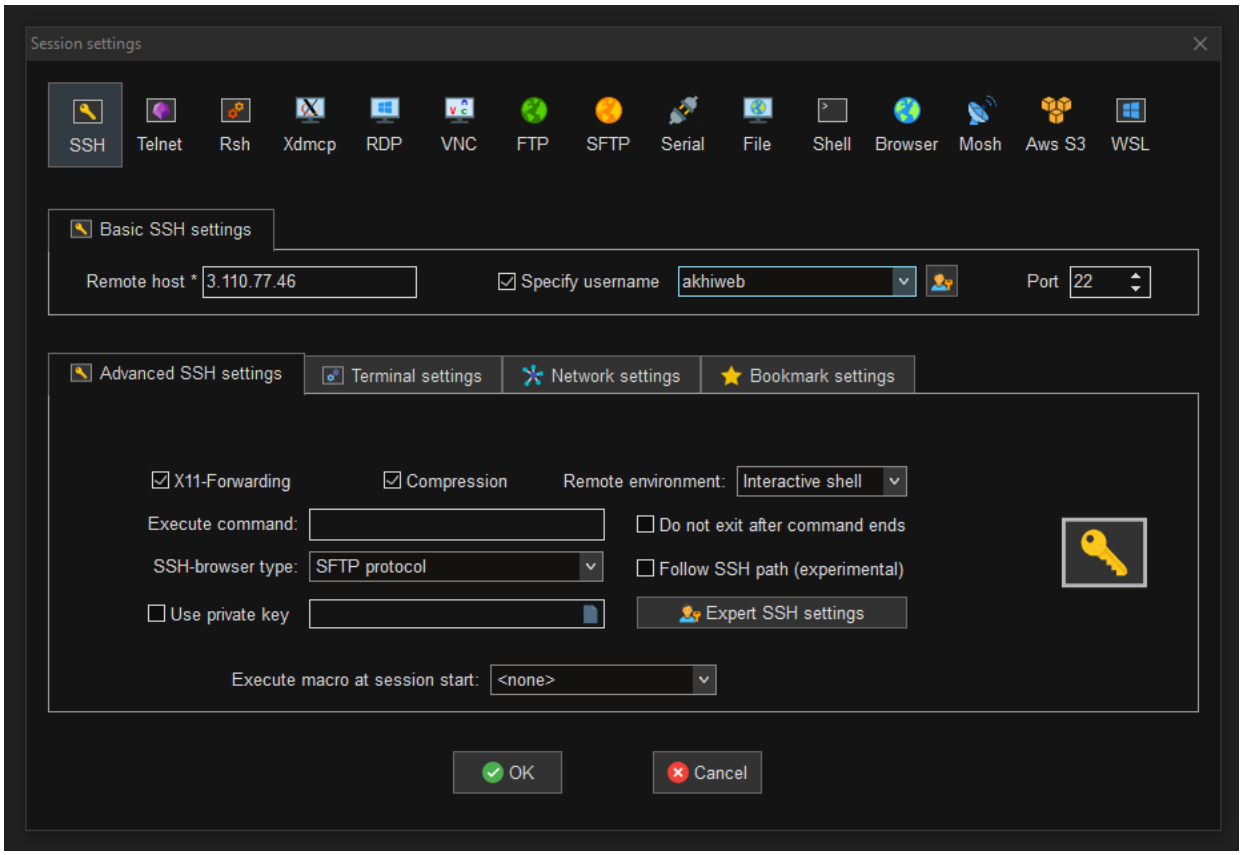

Click on New Session.



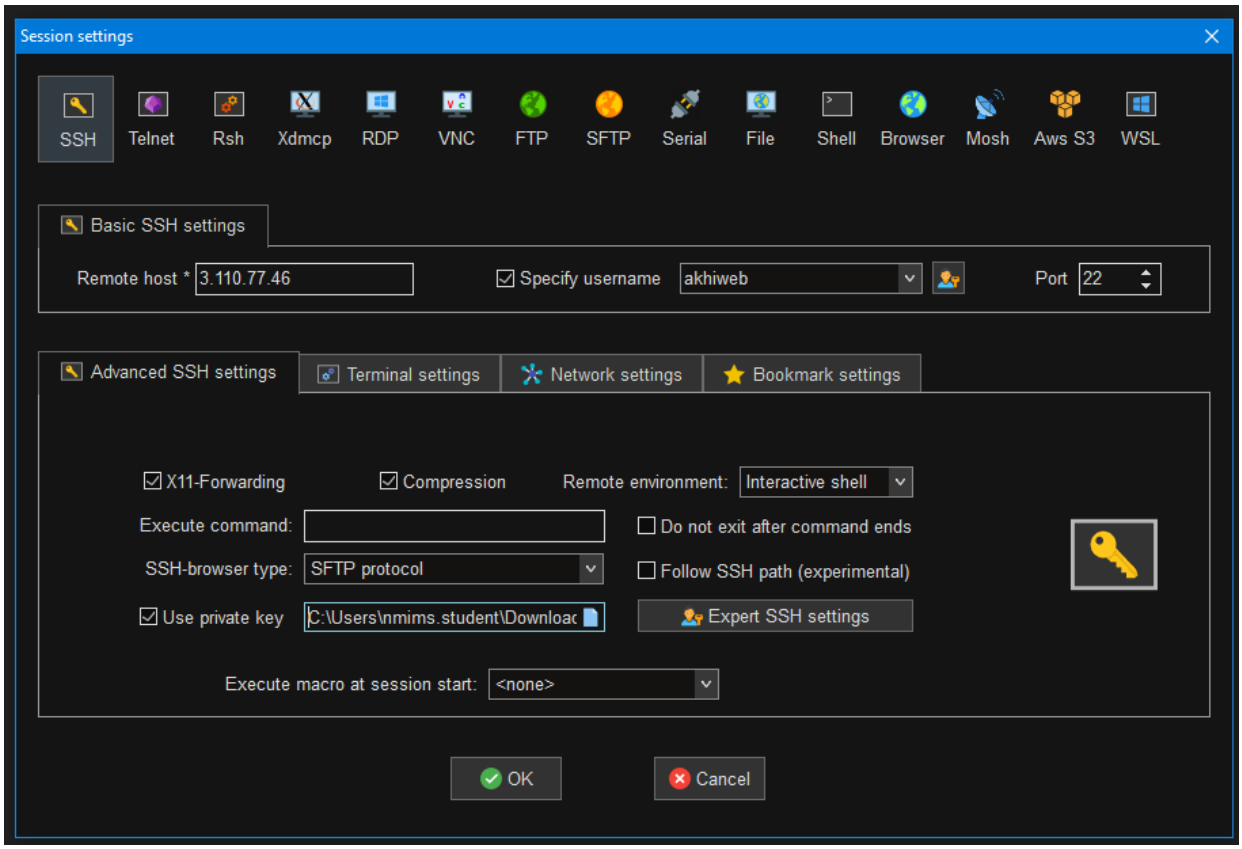

Click on SSH.

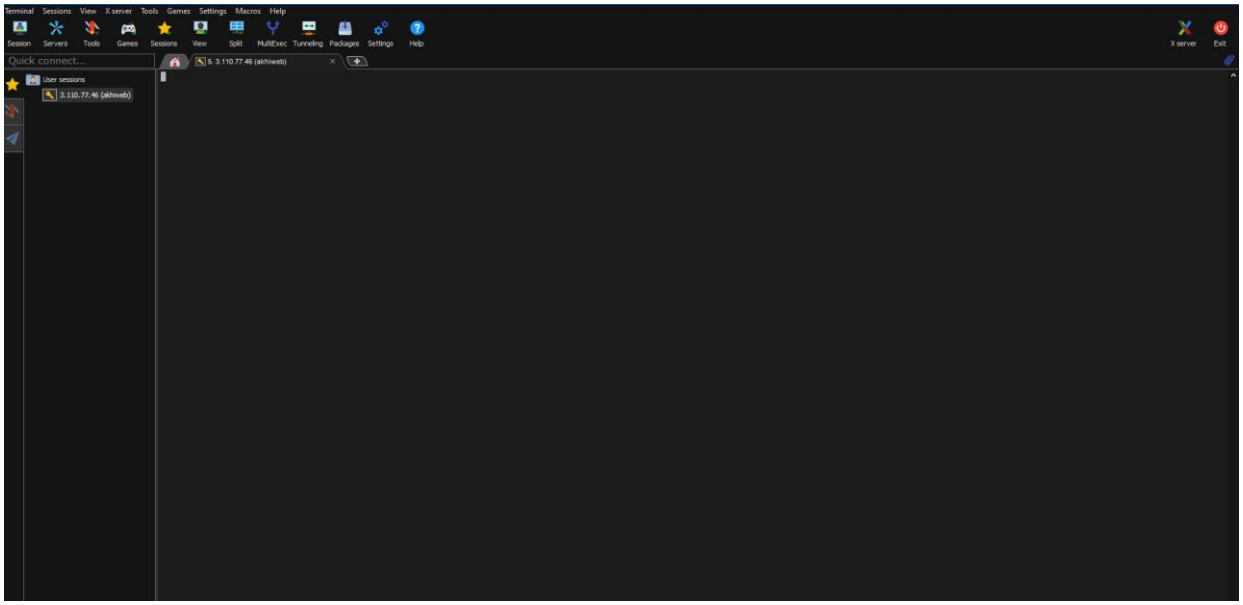



Copy the public-ip4-address from AWS Instance and click on specify username and give the name u have given to the EC2 instance and click on Advanced SSH settings.



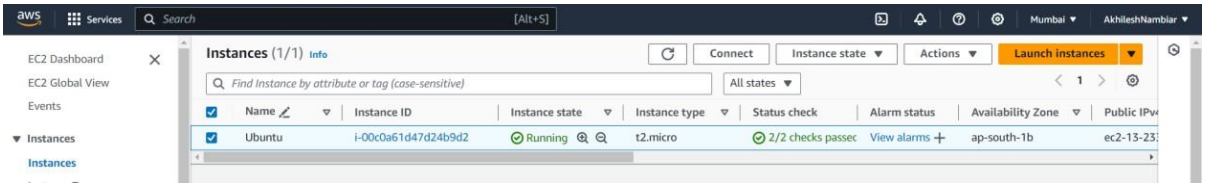

Click on Use private key and upload ur key pair and click on Ok.



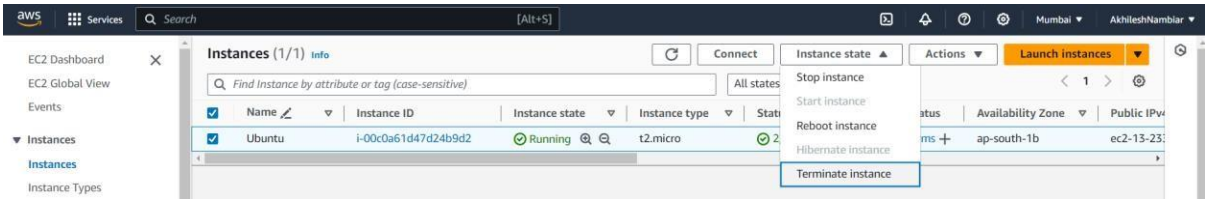



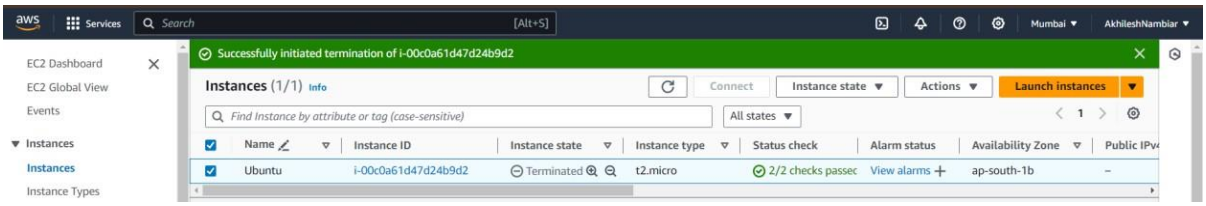
Now run some linux cmd prompts.

Now close this window and we will again see our instance window after working instance our step is to terminate this instance.




Click on instance state and then select Terminate instance.



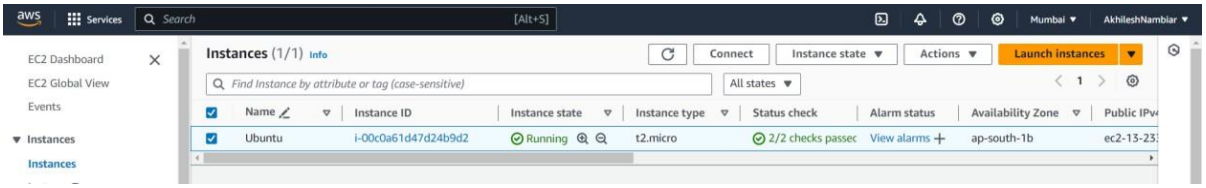



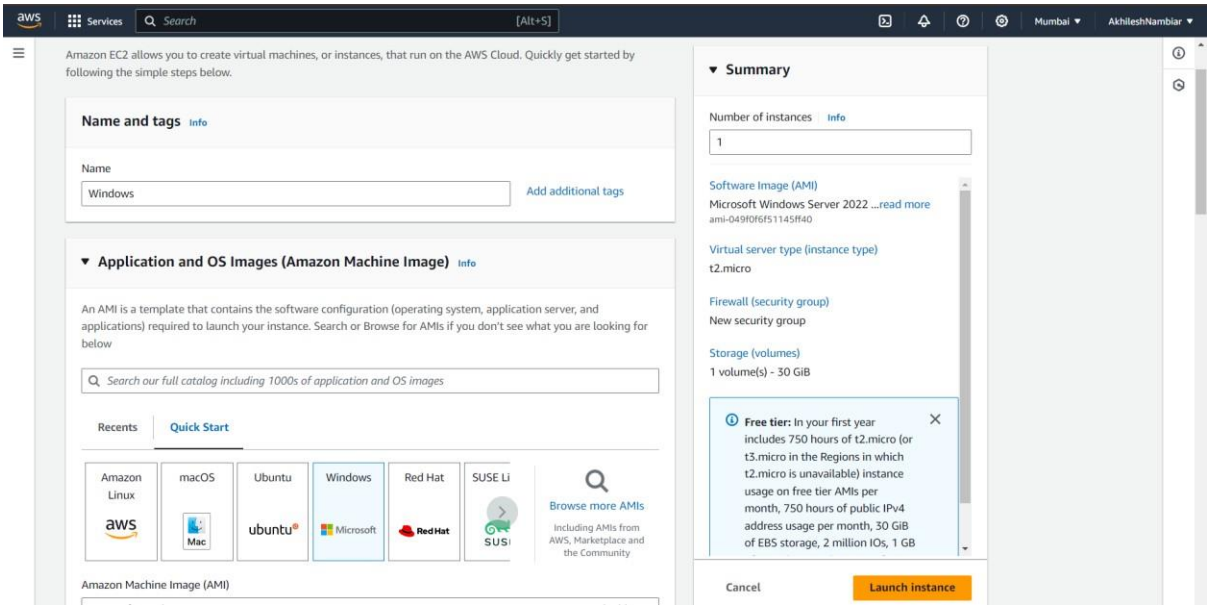

2) Implement the windows machine using AWS EC2 and MobaXterm.

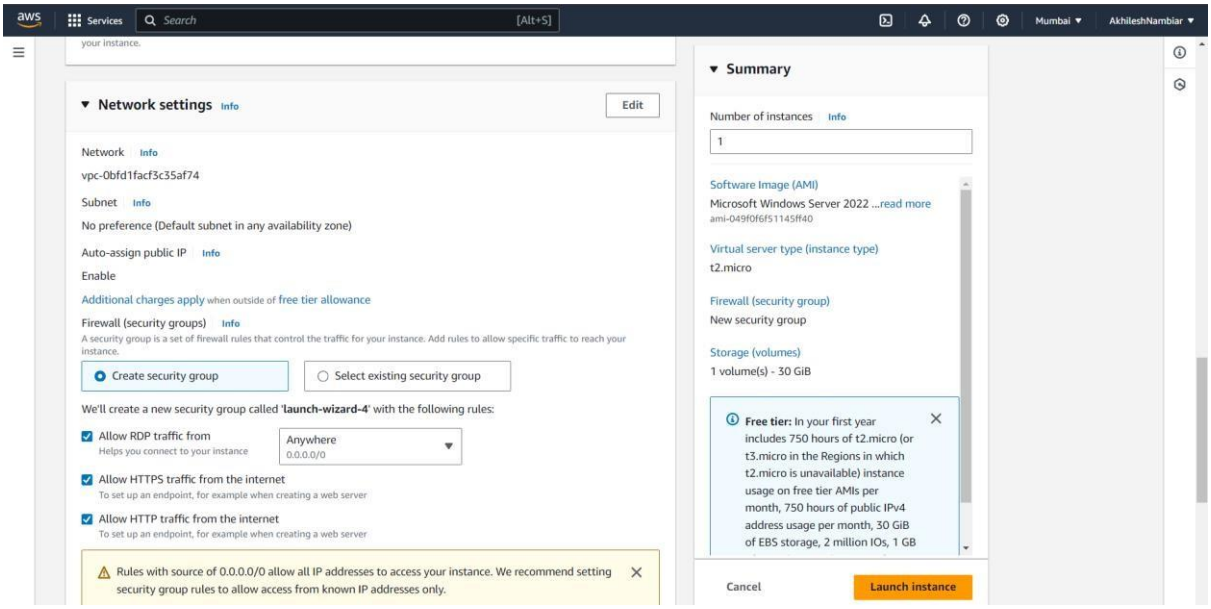
<u>Steps:</u>

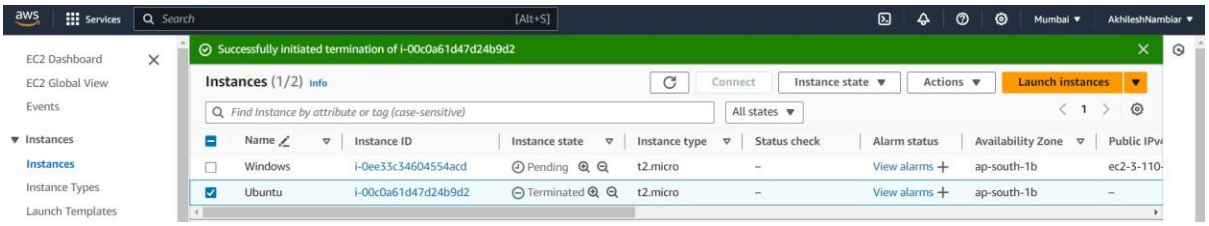
Repeat the same steps as mentioned above for Ubuntu machine EC2 instead of selecting Ubuntu we have to choose Windows Option.

Otherwise when we are in our instance page and we did not logout from AWS then click on Launch instance for creating a new instance and then repeat same process as mentioned for ubuntu machine.

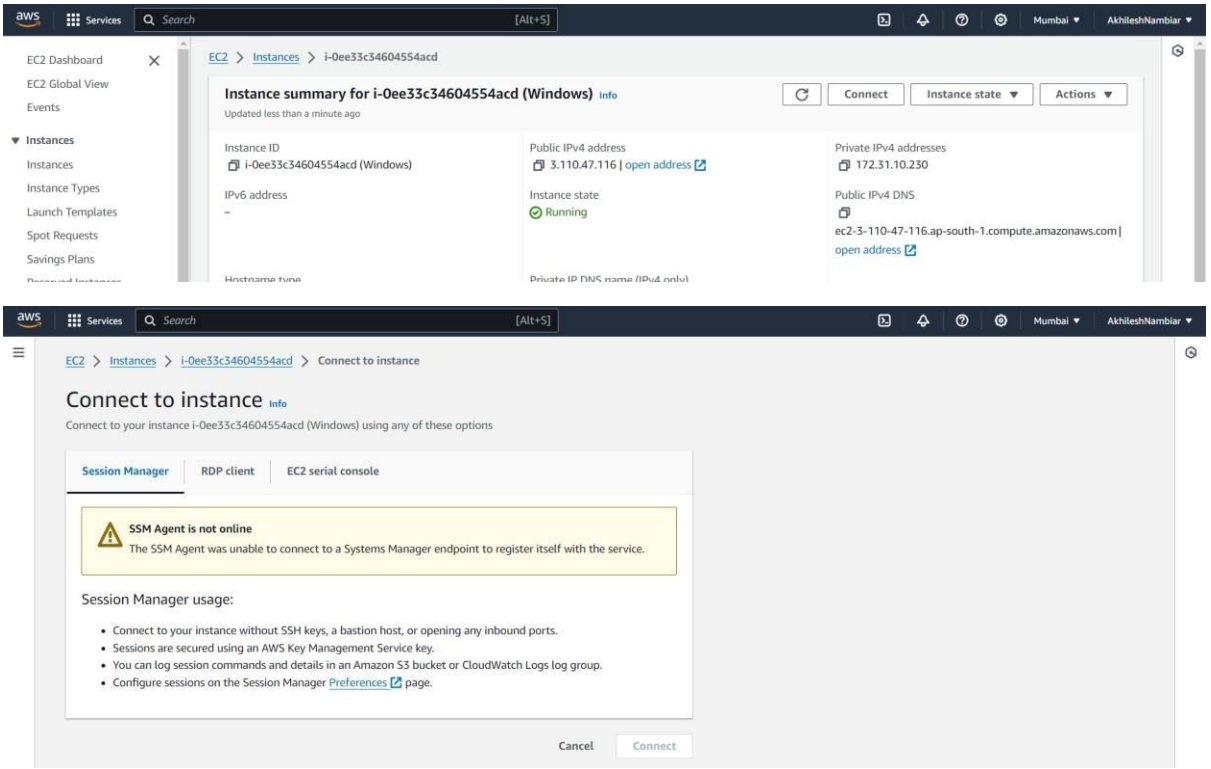


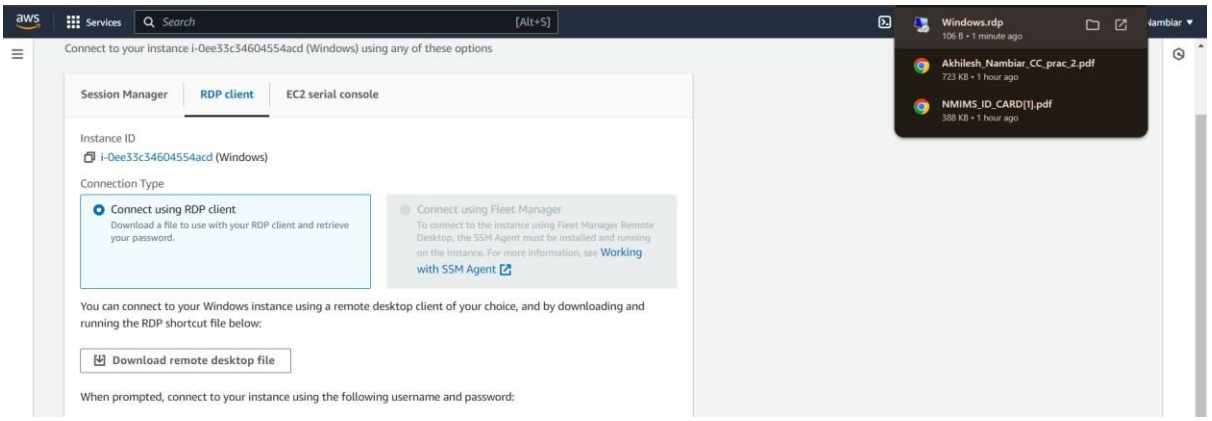



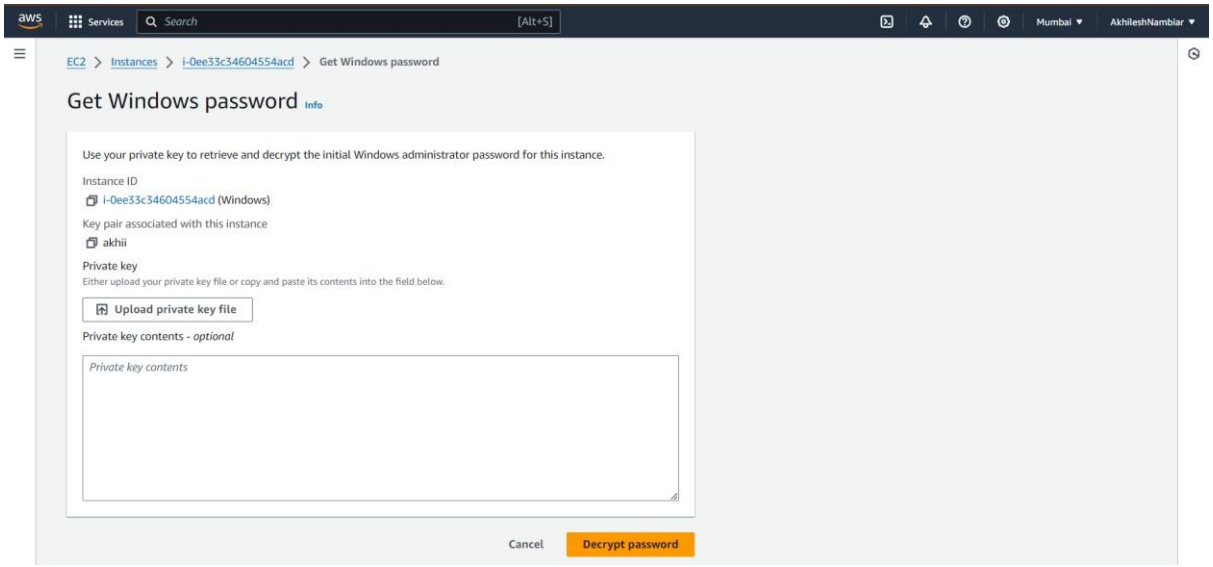





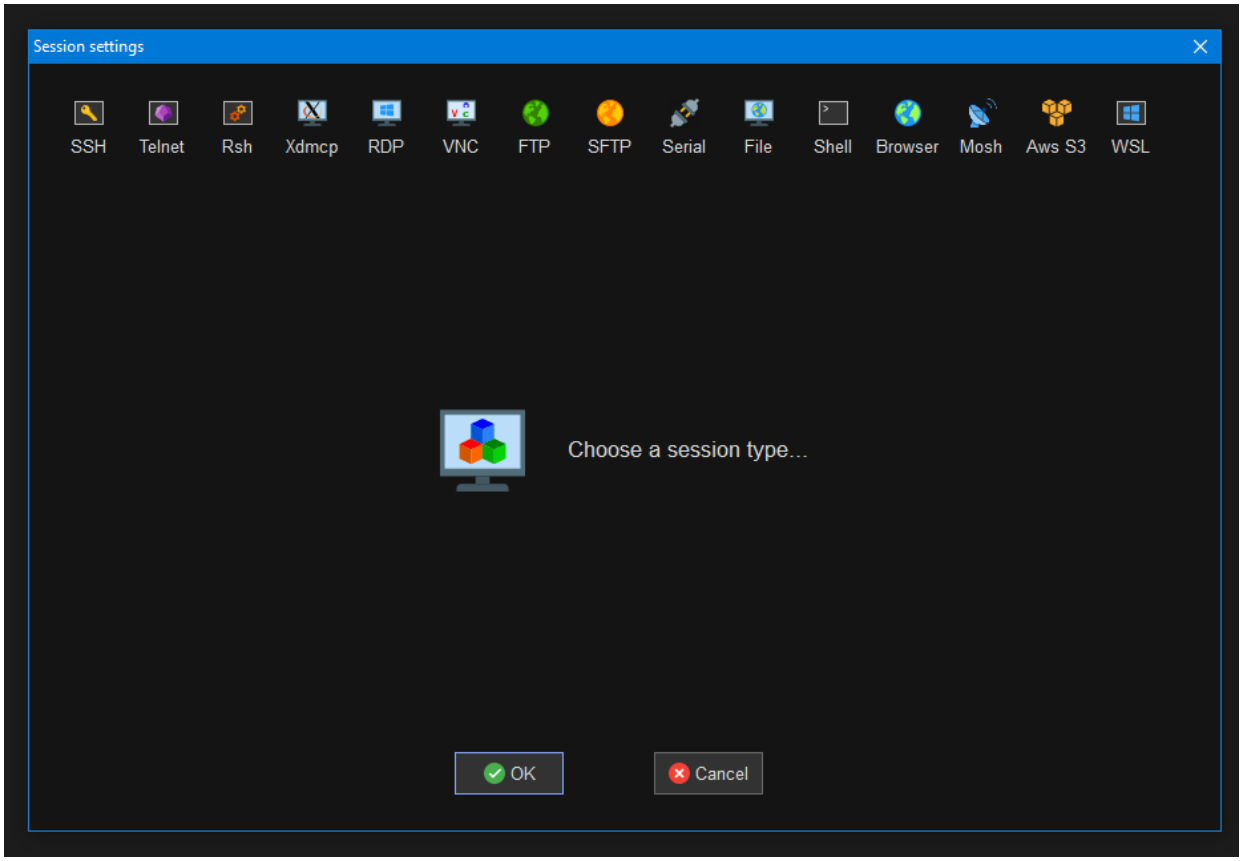

Click on Instance id of windows i.e the instance name created for virtually imputing windows into AWS and then new page opens and click on Connect.

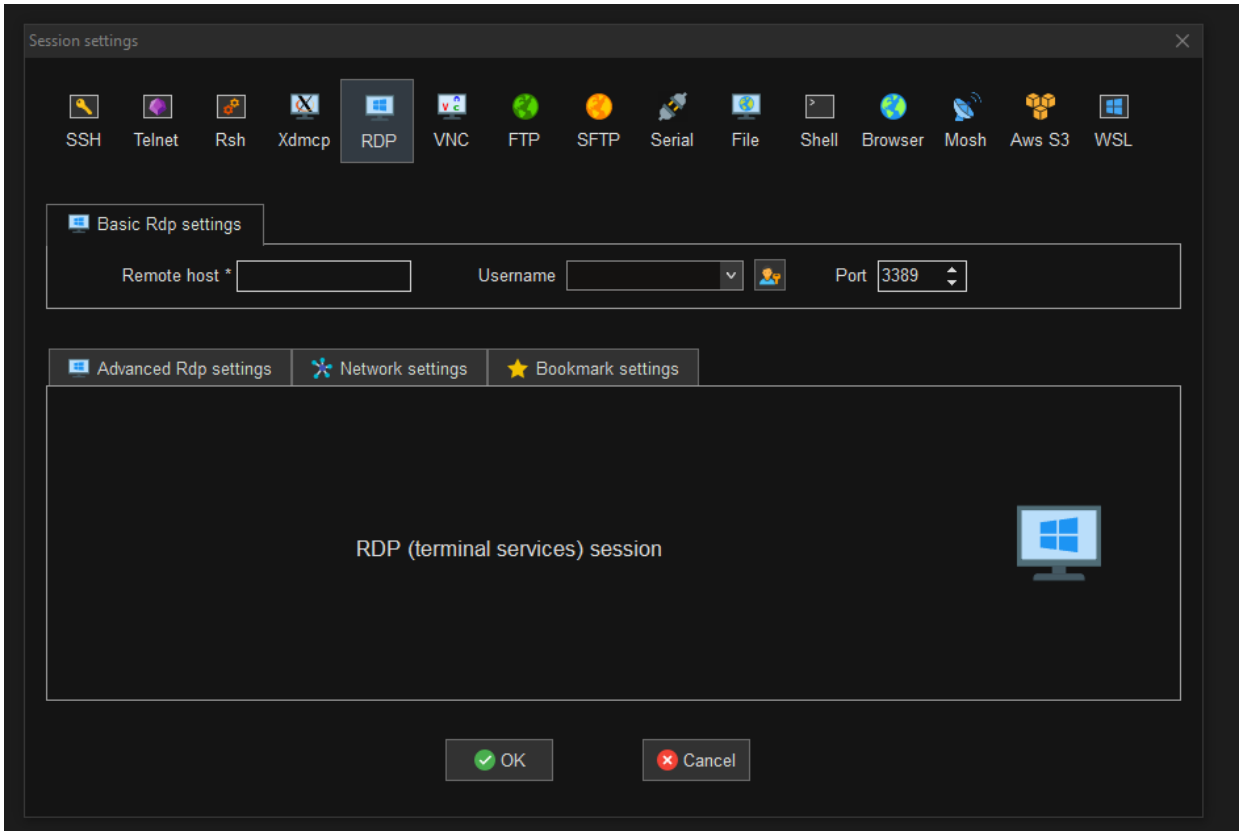



Services
Search
[Alt+S]
Windows.rdp
106 B • 1 minute ago
Akhilesh_Nambiar_CC_prac_2.pdf
723 KB • 1 hour ago
NMIMS_ID_CARD[1].pdf
388 KB • 1 hour ago
Connect to your instance i-0ee33c34604554acd (Windows) using any of these options
Session Manager
RDP client
EC2 serial console
Instance ID
i-0ee33c34604554acd (Windows)
Connection Type
Connect using RDP client
Download a file to use with your RDP client and retrieve your password.
Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see Working with SSM Agent
You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:
Download remote desktop file
When prompted, connect to your instance using the following username and password:

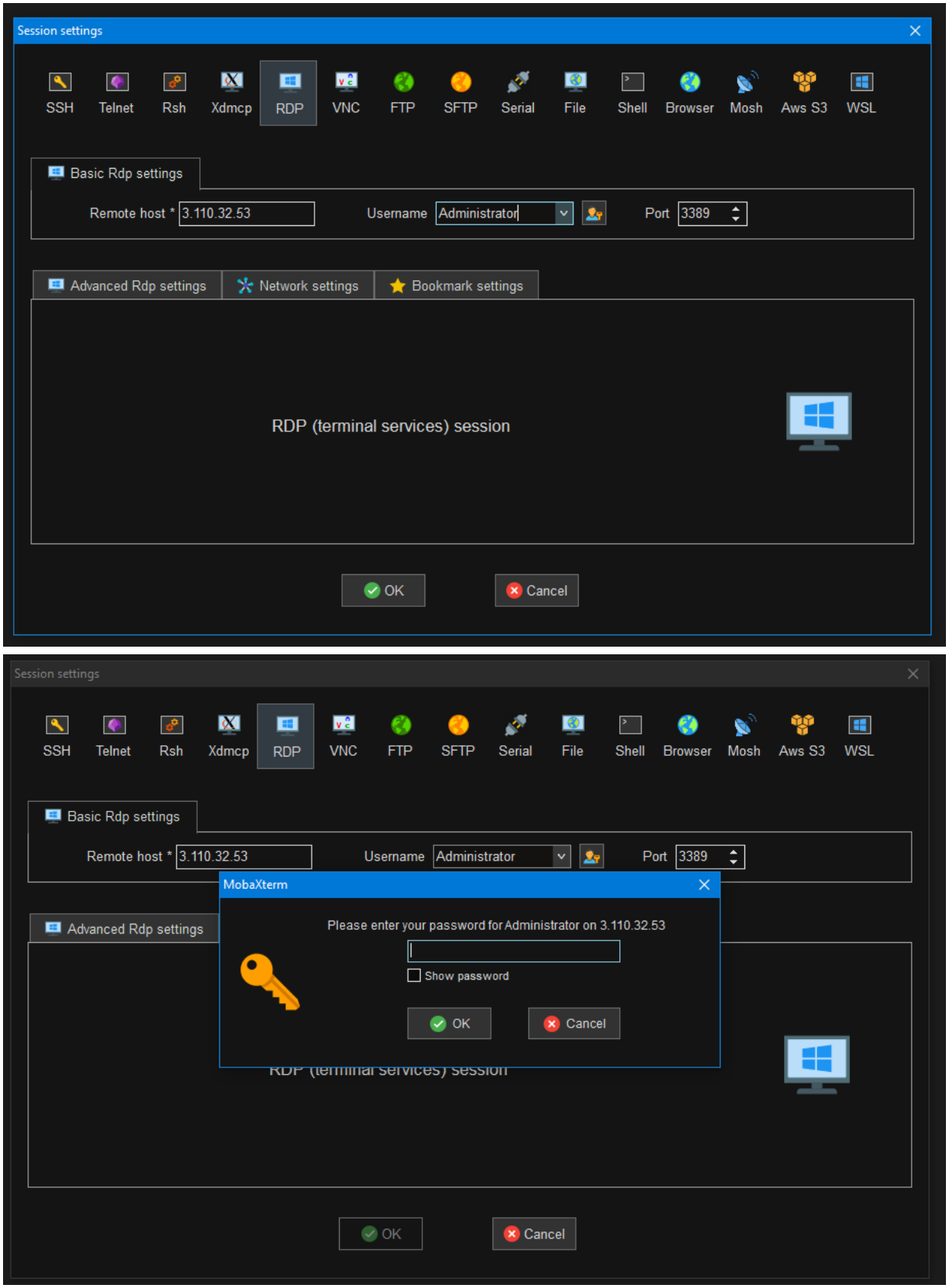

Services
Search
[Alt+S]
Mumbai
AkhileshNambiar
EC2 > Instances > i-0ee33c34604554acd > Get Windows password
Get Windows password Info
Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.
Instance ID
i-0ee33c34604554acd (Windows)
Key pair associated with this instance
akhii
Private key
Either upload your private key file or copy and paste its contents into the field below.
Upload private key file
Private key contents - optional
Private key contents
Cancel
Decrypt password

Click on MobaXterm and click on new session and click on RDP.

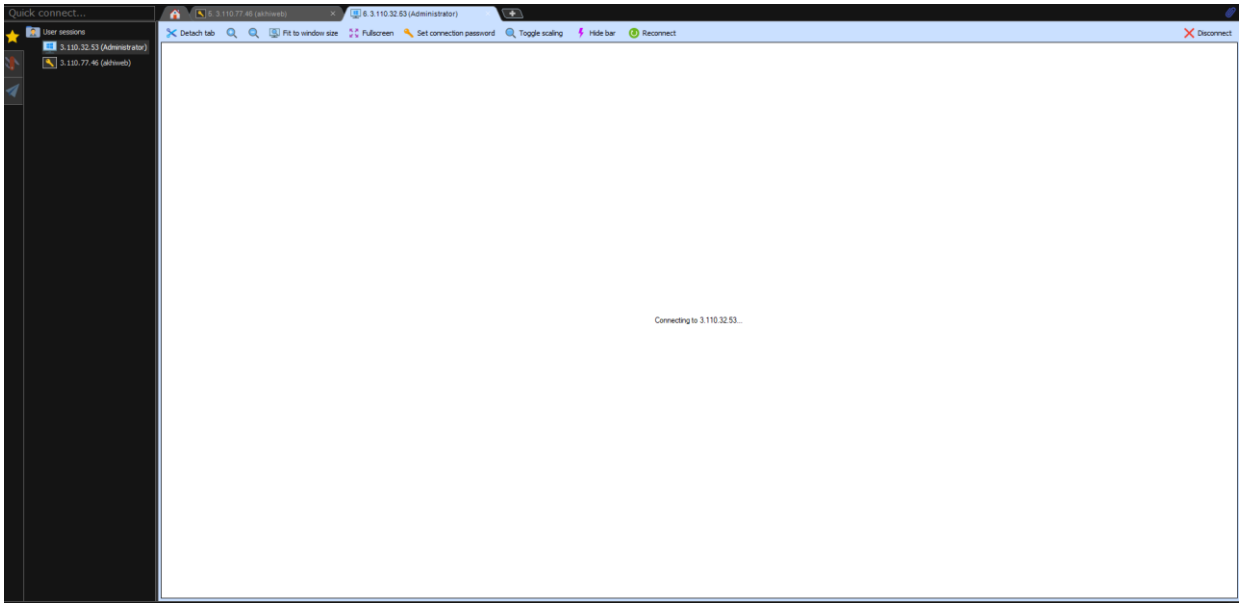



Give the name as Administrator and Remote host as Public-ip4-adress and then click on OK.




Here you have to upload your key pair file and then decrypt password and then copy that password and paste it then your virtual desktop will open.


Quick connect...
User sessions
3.110.32.53 (Administrator)
3.110.77.46 (ahlweb)
Detach tab
Fit to window size
Fullscreen
Set connection password
Toggle scaling
Hide bar
Reconnect
Disconnect
Connecting to 3.110.32.53...


Welcome Daniela!
How can I help you today?
Cortana
Mike Kong
School Project Notes
Mail 20
Photos
Sunny
68°F
88°
67°
Los Angeles
Store
Maps
Xbox
MINECRAFT
NETFLIX
Camera
Groove Music
OneDrive
Math and Science
KHAN ACADEMY
FLUID MATH
3D4MEDICAL
Art
FreshPaint
Productivity
Photography
Test Prep
Ask me anything