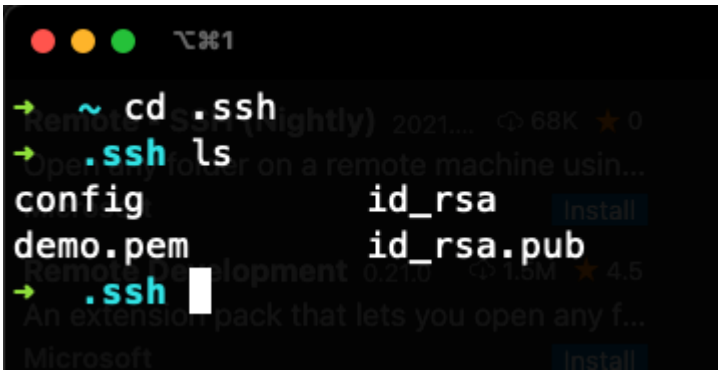
Keeping an SSH connection alive - Vscode connection

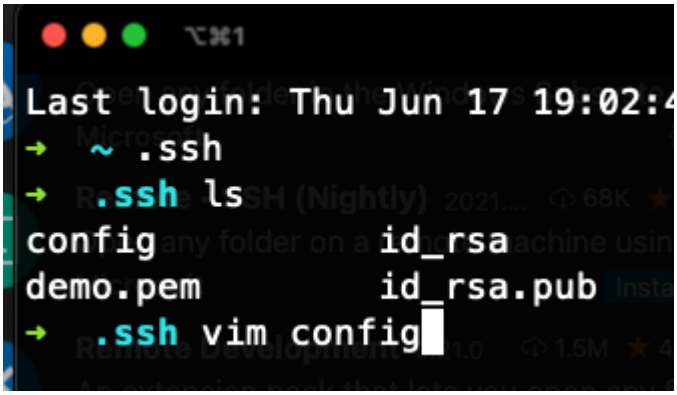
Do you get disconnected from your SSH session often?

In your ~/.ssh/config we'll utilize the ServerAliveInterval declaration.

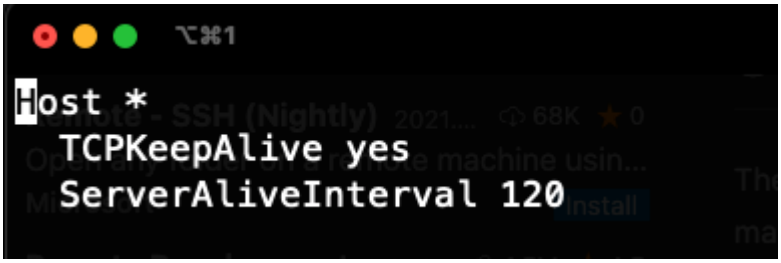
1. Go to terminal open .shh directory (most probably for mac it is under /Users/<username> or for windows under C:\Users\<username>)



2. use your editor open config



3. write then save below script.



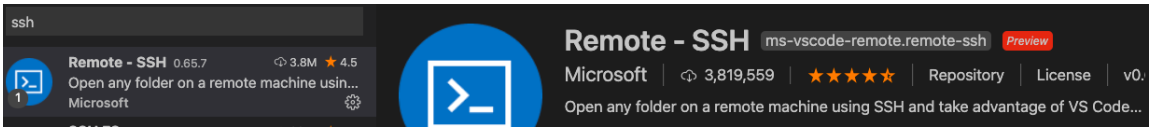
That declaration will send a packet every 120 seconds if the connection goes idle.

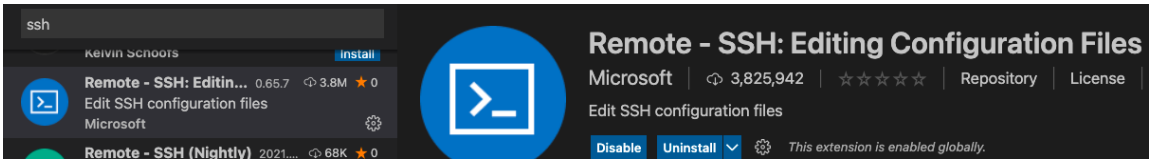
4. it is better to keep your *.pem files under .ssh directory. Copy your pem keys to under .ssh directory.

From this point, that will keep alive your ssh connection and it will ensure the connection stays open.

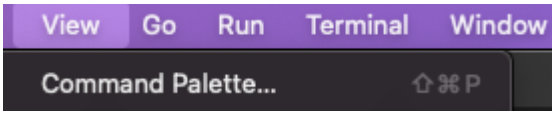
You can use your VSCODE to connect directly your EC2 (instances)

1. Open your Vscode and enable extensions

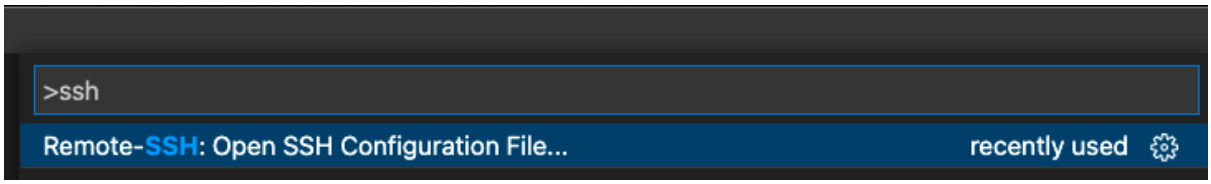




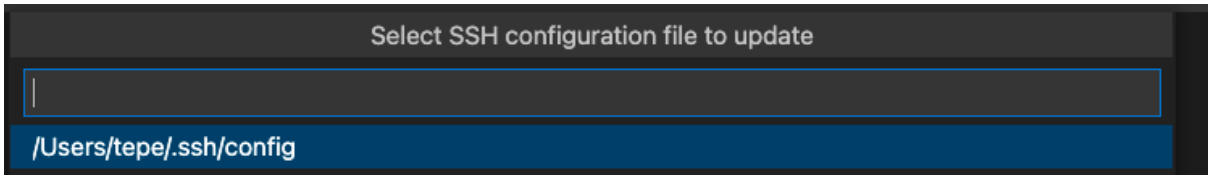
2. Click View =⇒ Command Palette



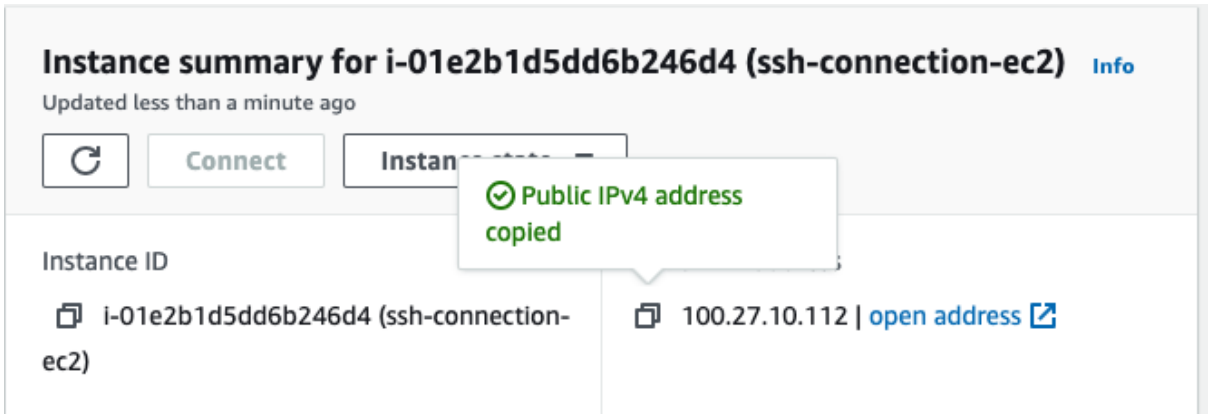
3. on command palette write ssh then choose below option



4 . Chose below option (It is the same file we reconfigured at the begining by using Terminal, this is another way by using Vscode!

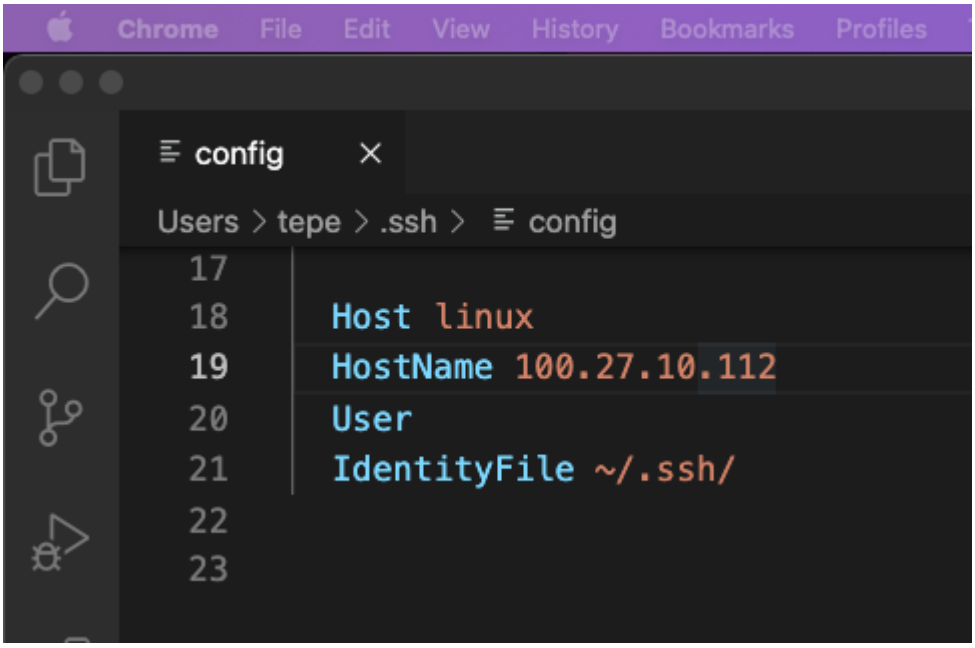


5 . Now, open your EC2 and copy Public IPv4 and go next step

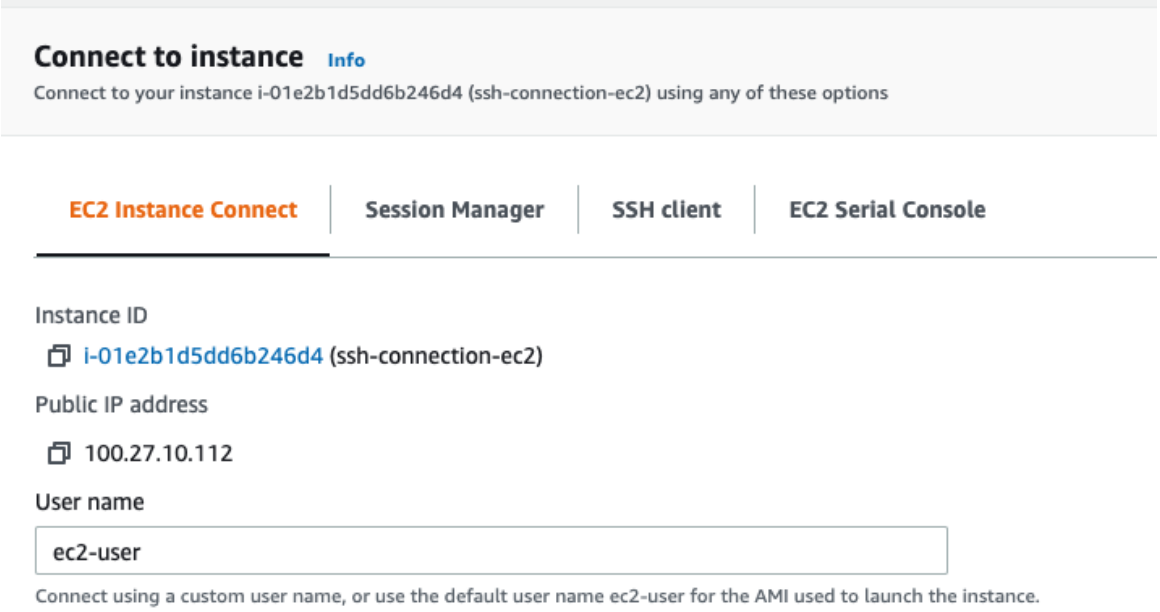


6. Write below script in your .ssh/config file (same we did at the beginning)

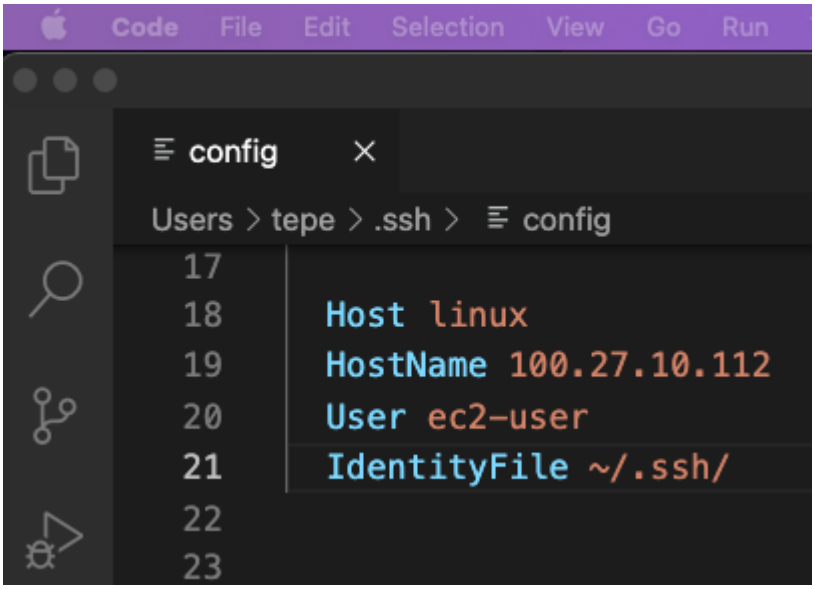
   EC2 is linux so I will write Host linux, paste ipv4 number next to host number



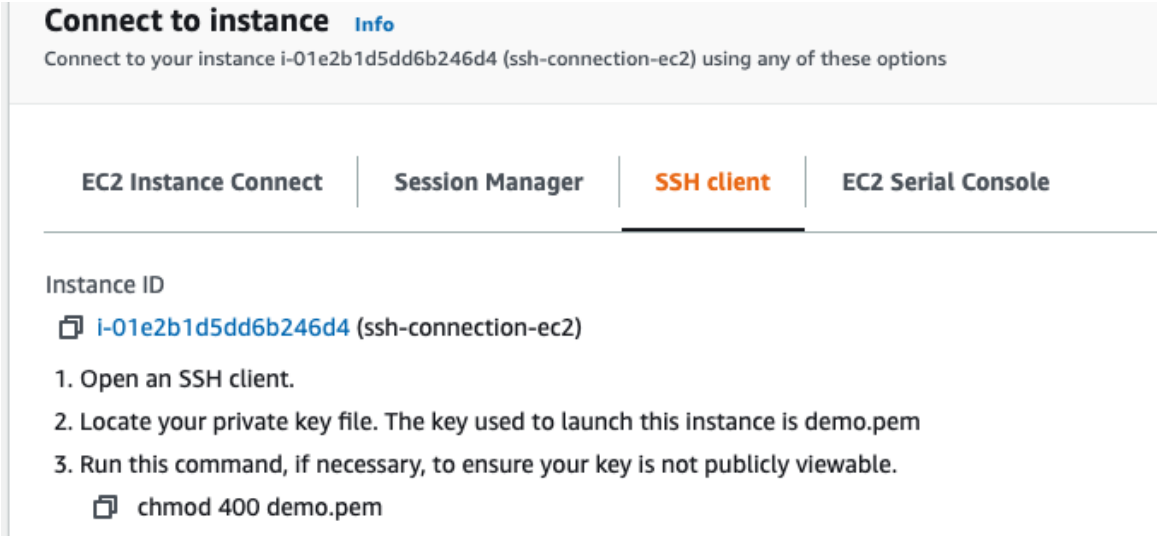
7. Now copy from AWS your user name



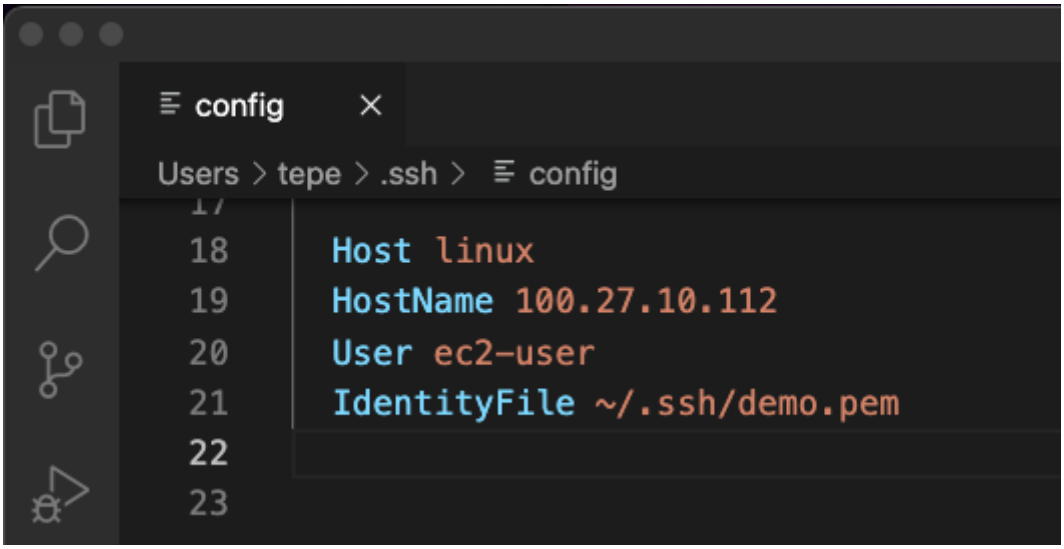
8. paste next to User



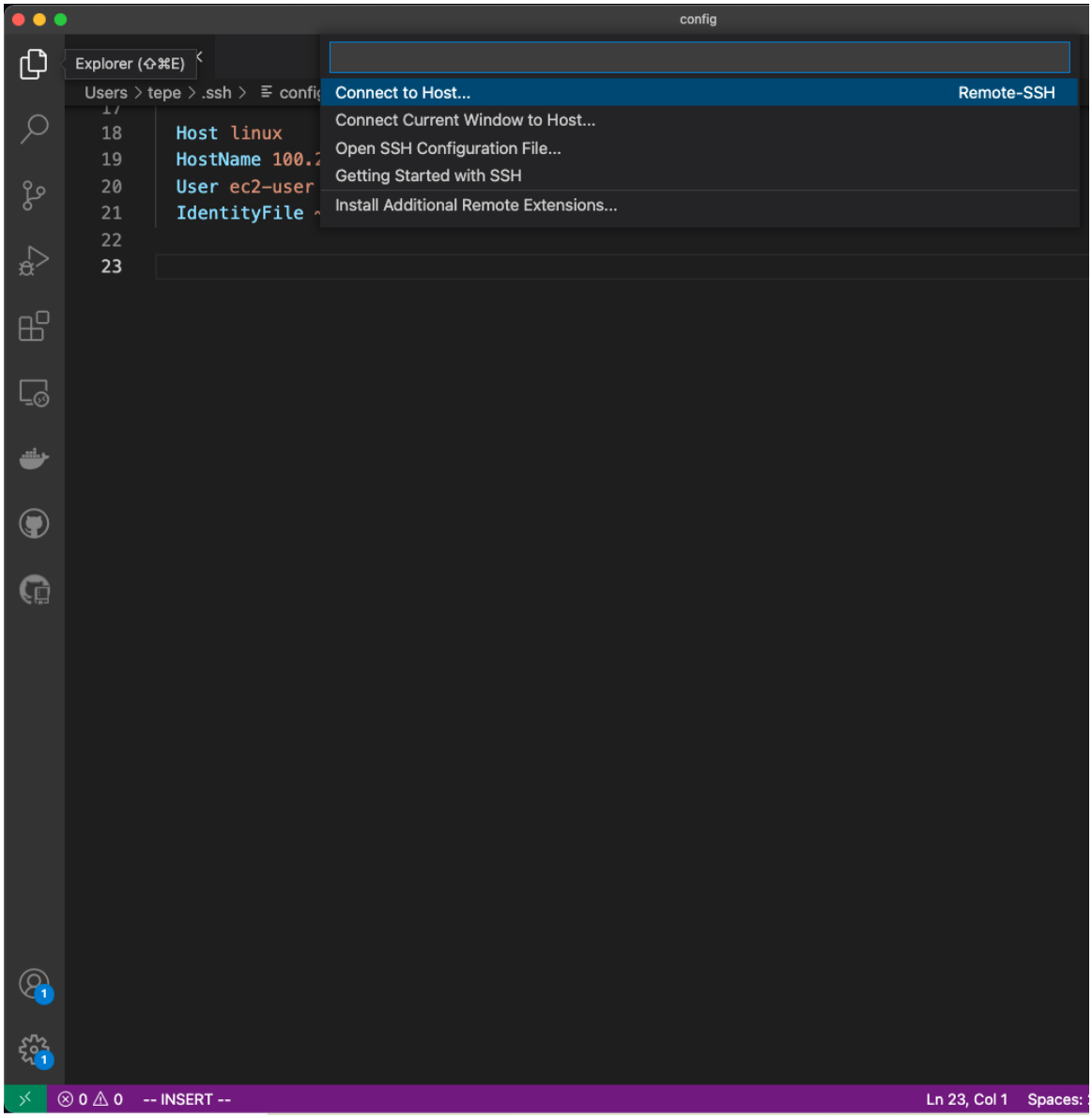
9. my pem key is =⇒ demo.pem (I saved it under .ssh directory)



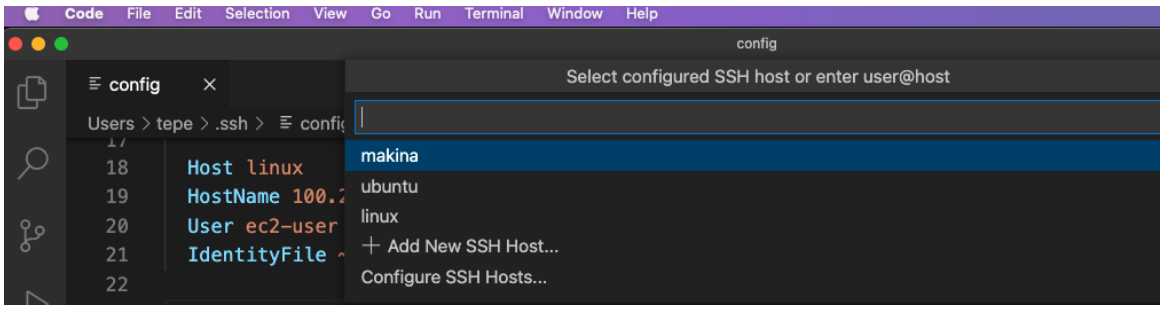
10. Now copy and demo.pem key next to IdentityFile and save it.



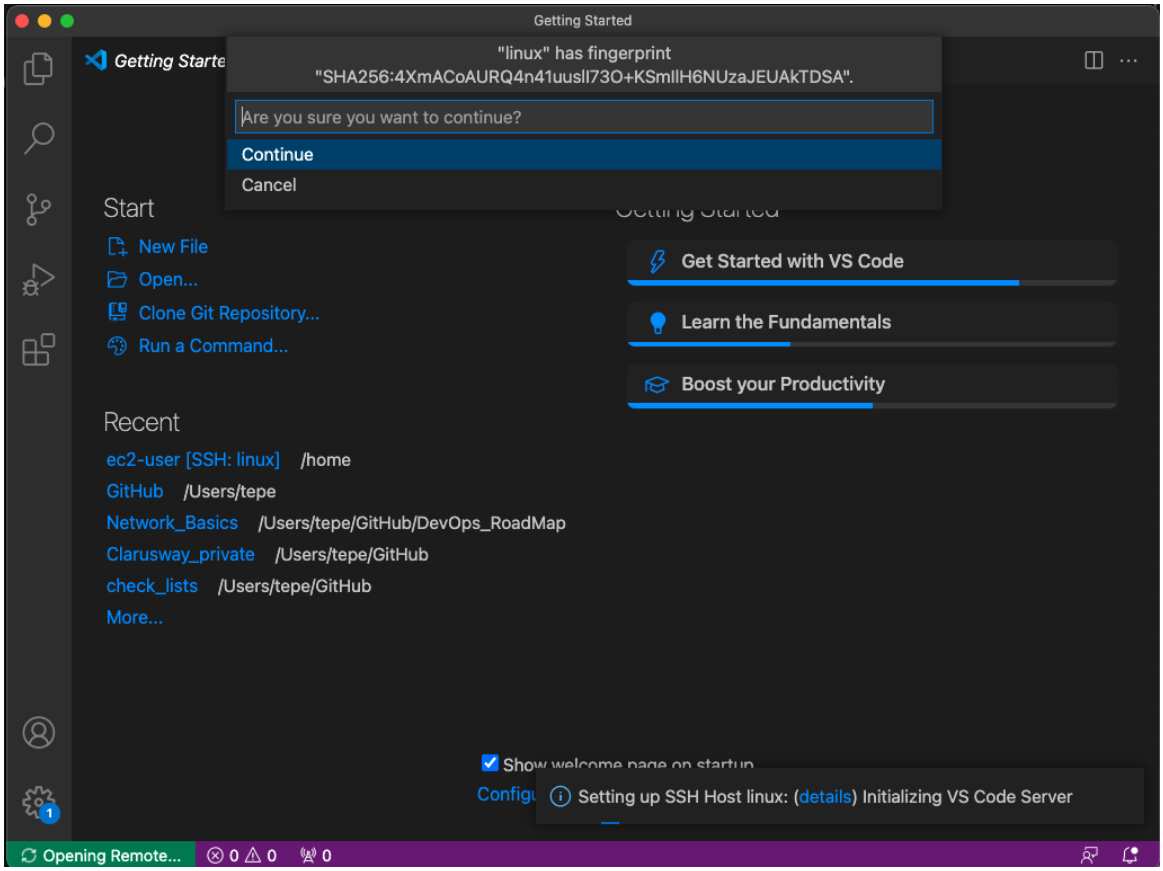
11. Click the left green corner at the bottom then click Connect to Host



12. You will see your host names and in this example is our is linux click it.

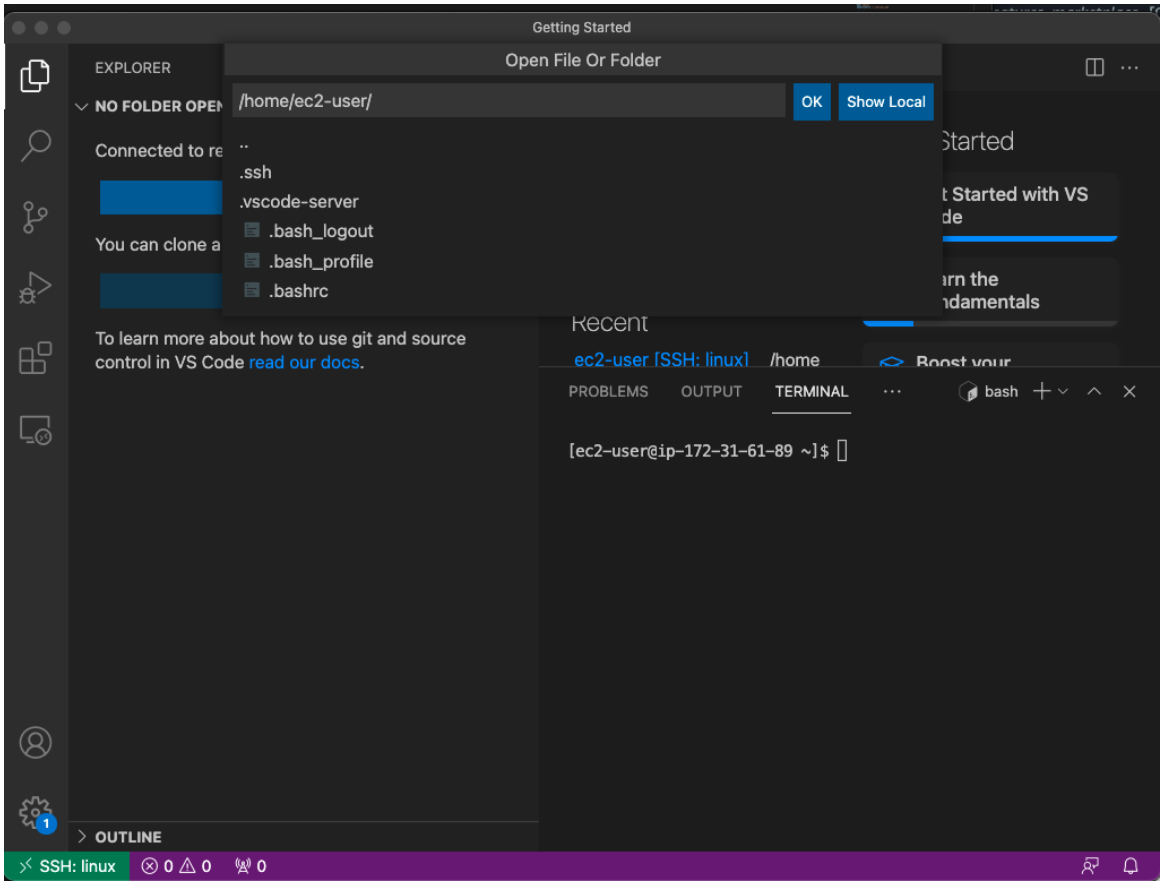


13. Great! Here a new Vscode window open and click Continue!

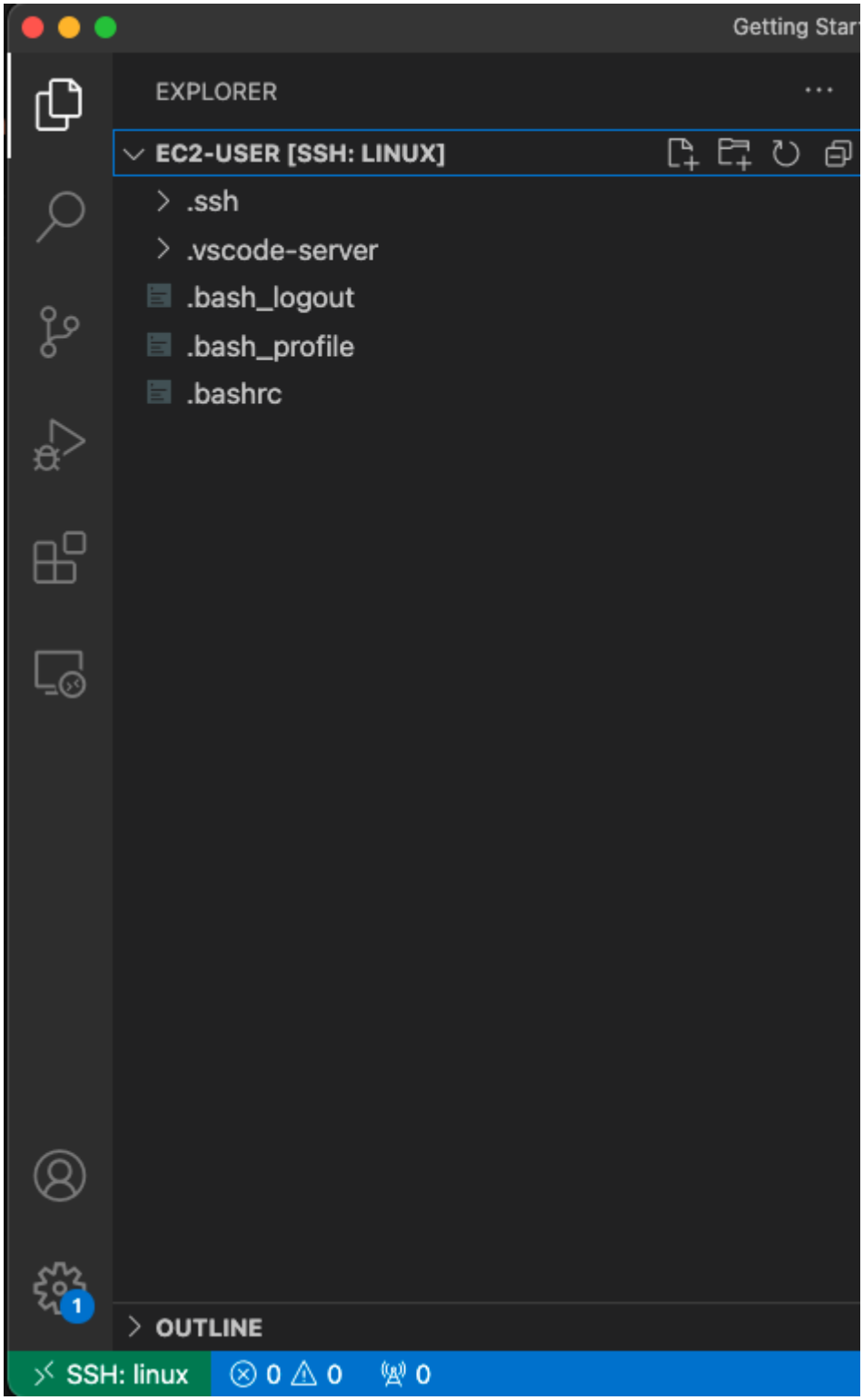


14. Click Open and you will see at the top =⇒ /home/ec2-user/

Click OK, check green corner you will see SSH-linux connection. Now, we have connected our EC2 by using VScode



15. As you can see we are in EC2. Check your directory and files.



16. As you know when we stop our instance we will loose our ip address so next time you open vscode the only thing you need to do change your IP addres in config file (look step 6!)

ps. of course, if you have enough budget then you can use Elastic Ip service ::))

prepared by https://github.com/fatihtepe