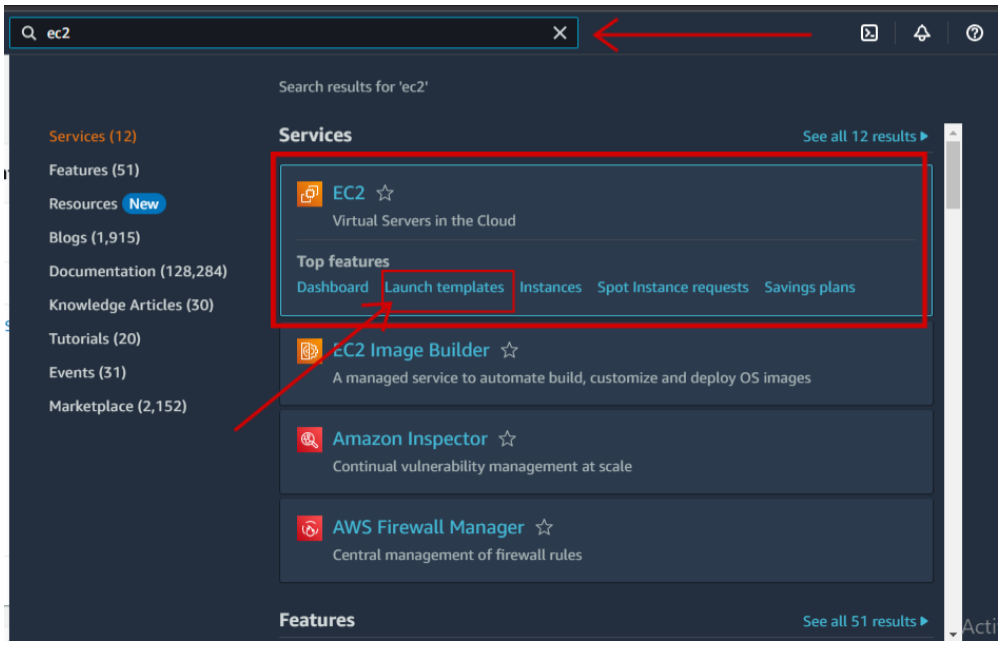
Assignment 7

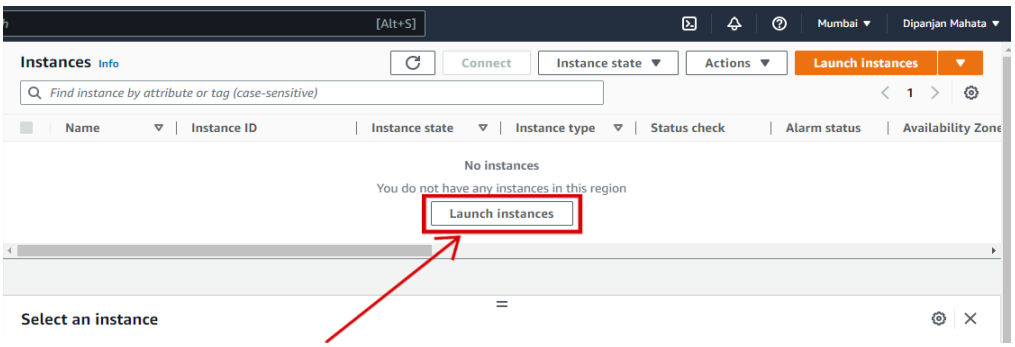
Upload a static website in EC2 server.

Steps for creating an AWS account:

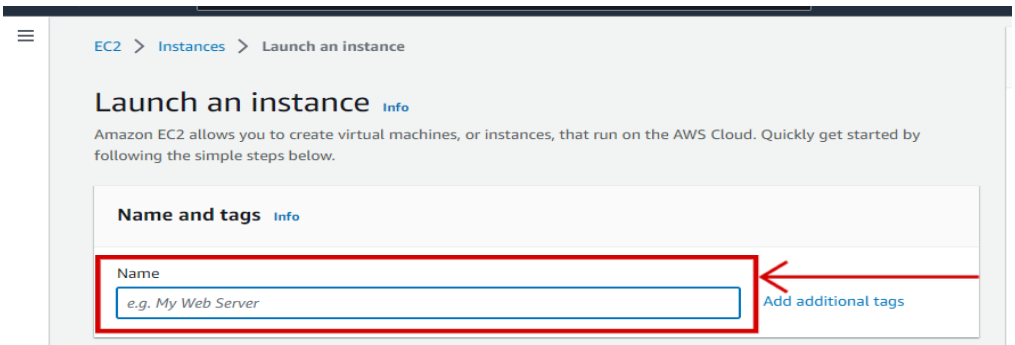
1. **Sign in.** Sign in as a root user. Provide username and password when prompted.
2. Search on the search bar **EC2**. After that click on **Launch template** in the **EC2.**



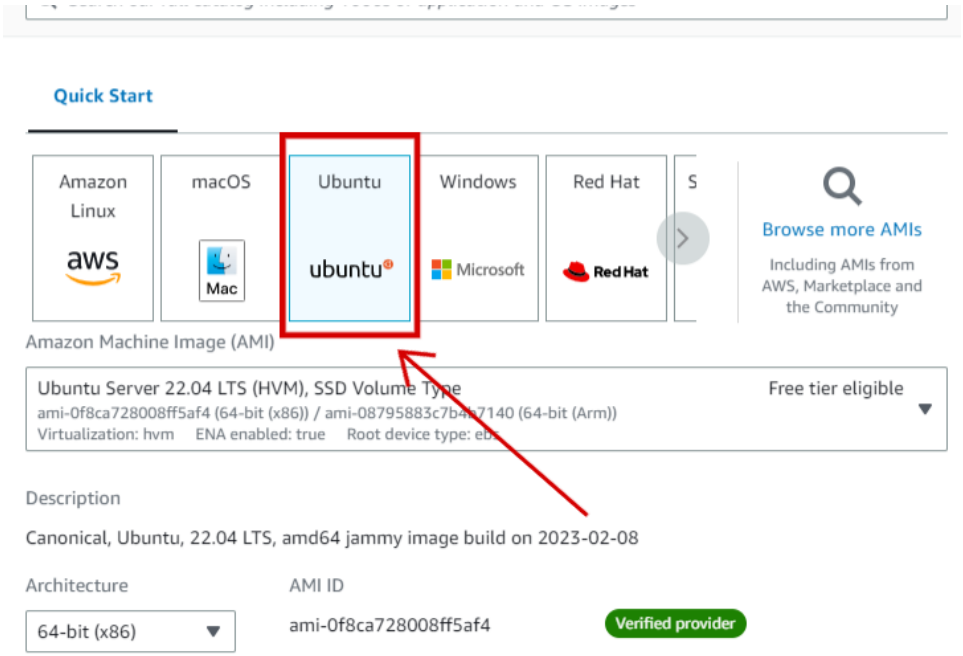
3. Now click on **Launch instances** and create a public bucket



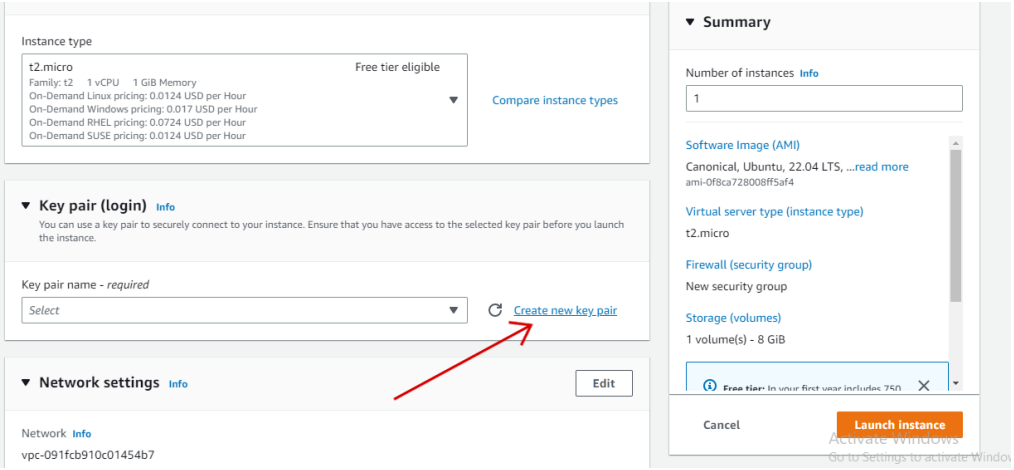
4. Enter the your server name.



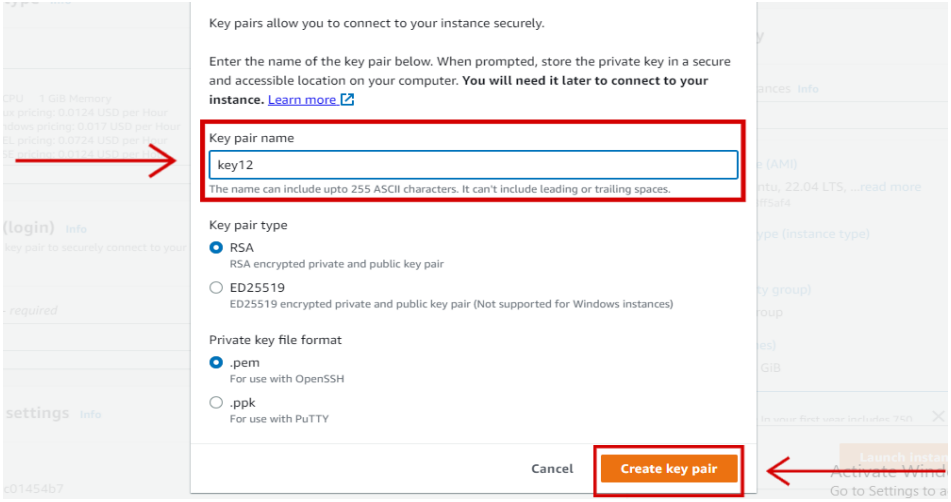
5. Click on **Ubuntu**.



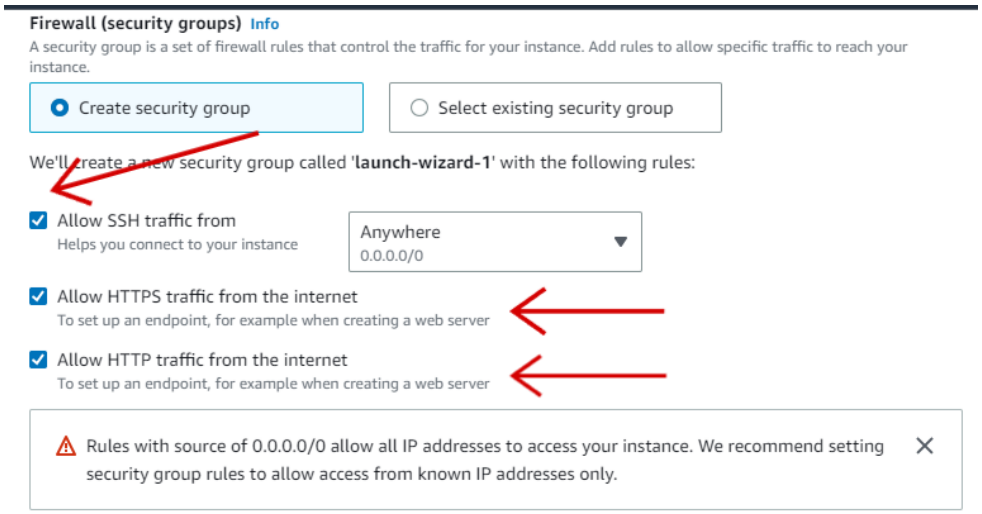
6. Click on **Create new key pair**.



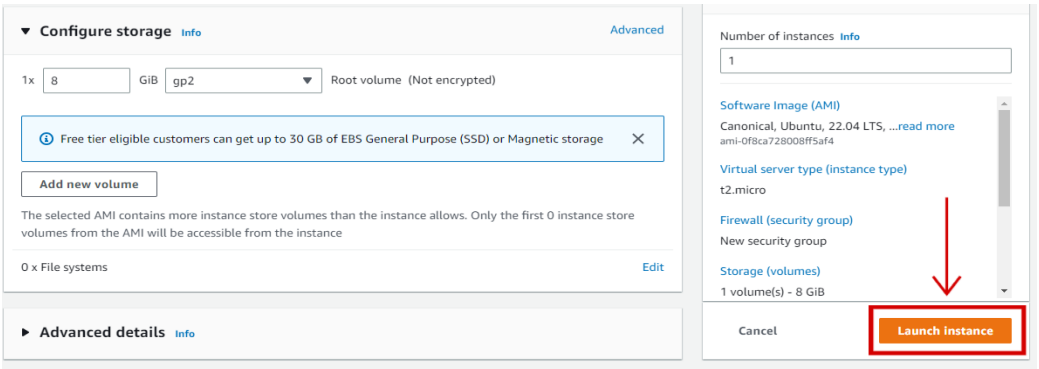
7. Enter the **Key Per Name**.



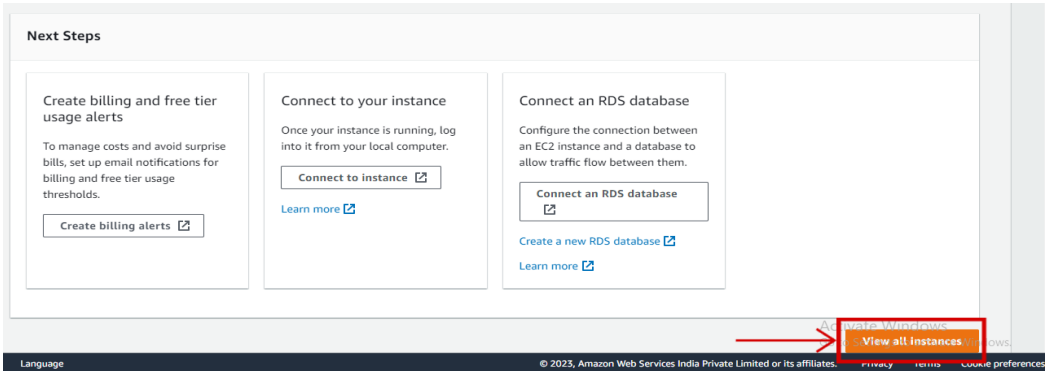
8. Click all the **check box**.



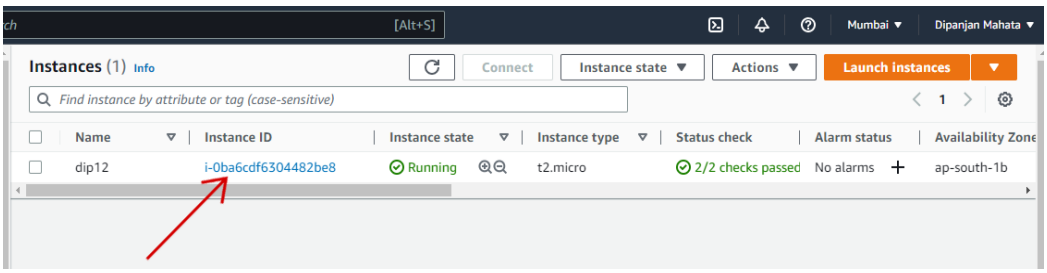
9. Click on **Launch Instances**.



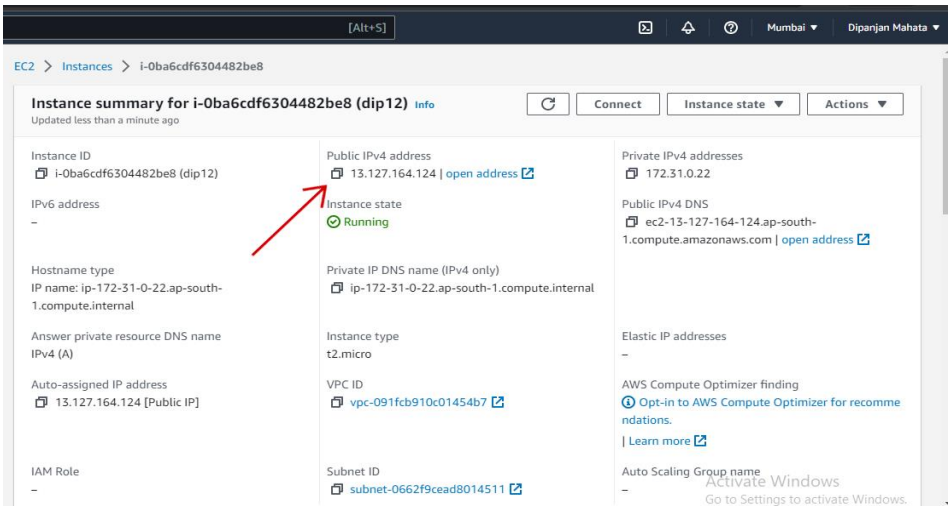
10. Click on **View all instances**.



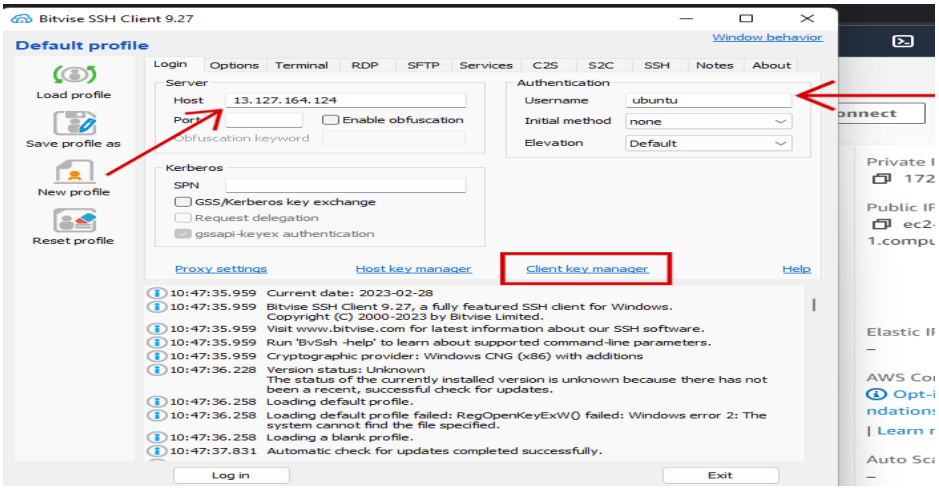
11. Now click on the **Instance ID number**.



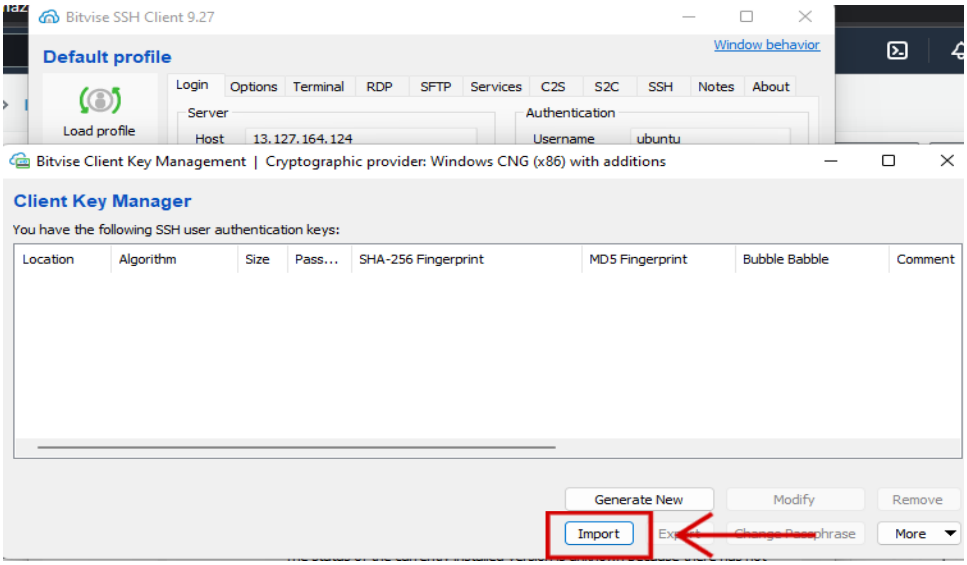
12. Now click on the **Public IPv4 address** to copy the IP.



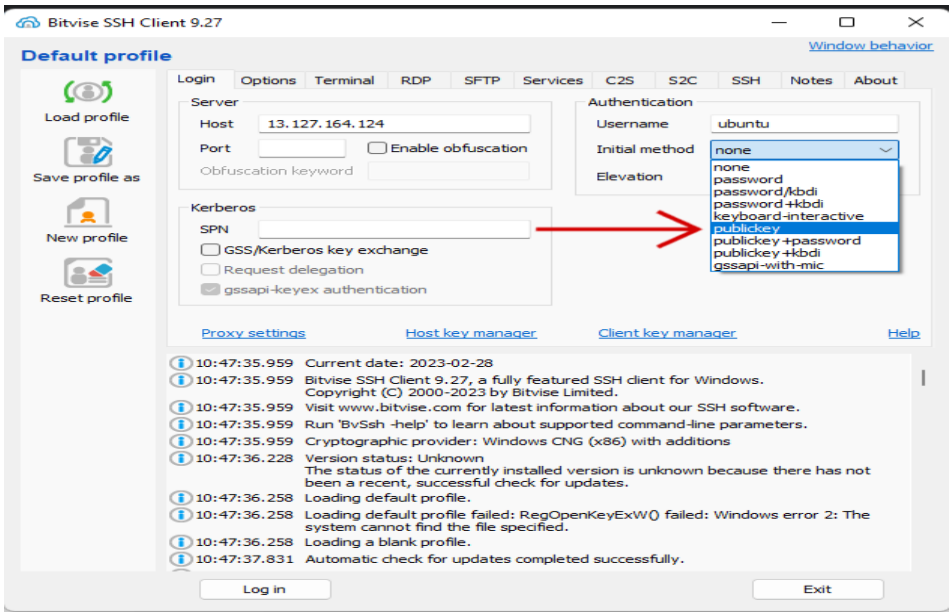
13. Now install the **Bitvise SSH client** on your pc.
14. **Paste** the **IP** in the **Host section** and enter a **user name**. After that click on **client key manager**.



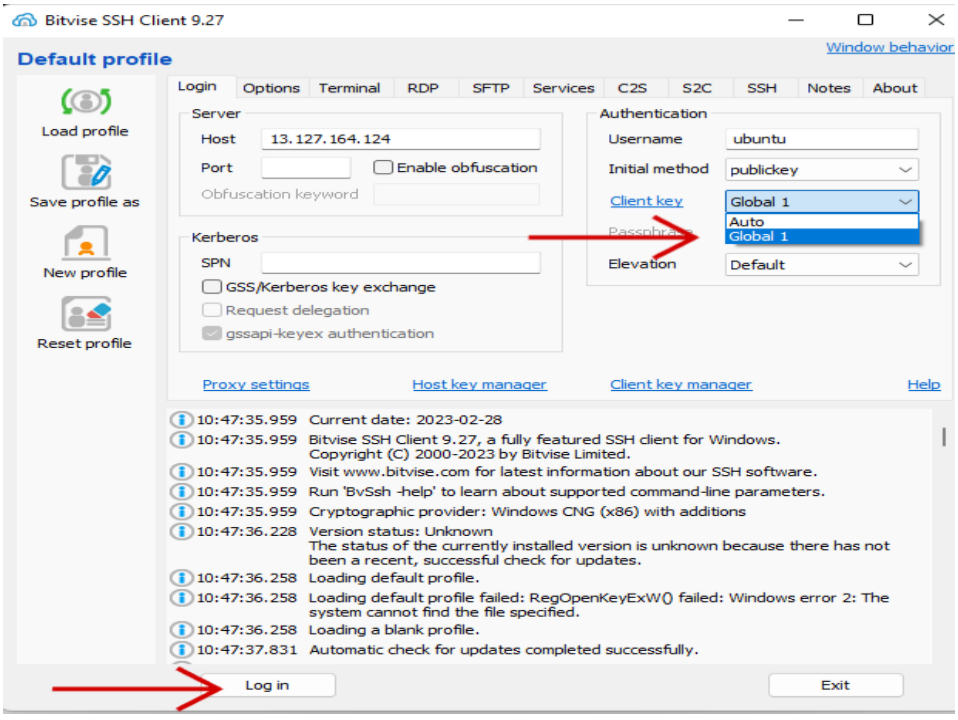
15. Now click on **import** to import the **key pair** that you have created the **step 7**.



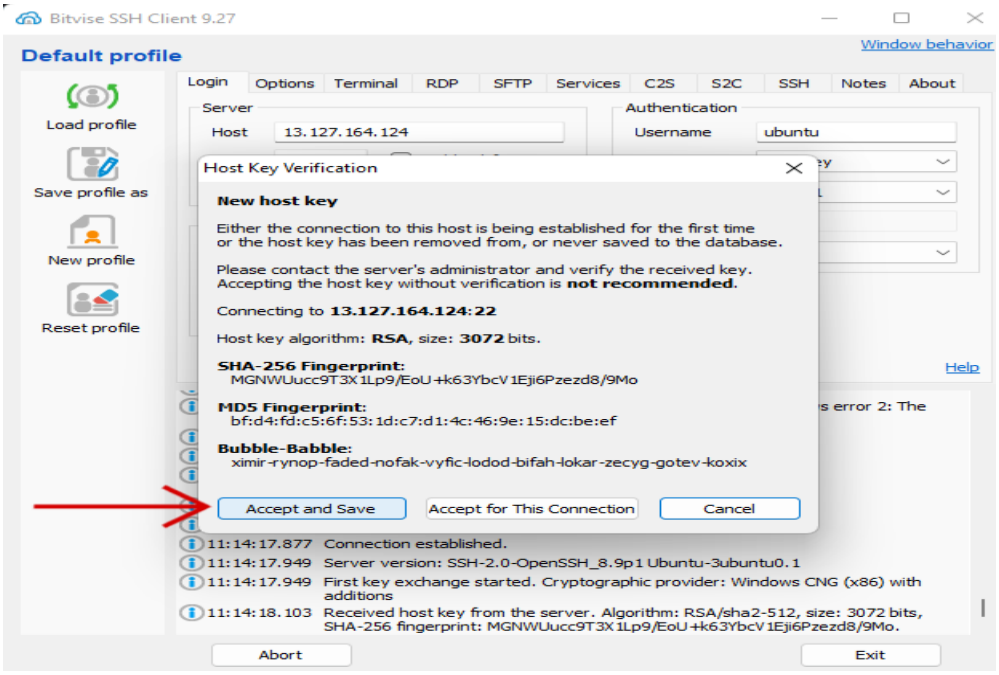
16. Set the **Initial method** as **publickey**.



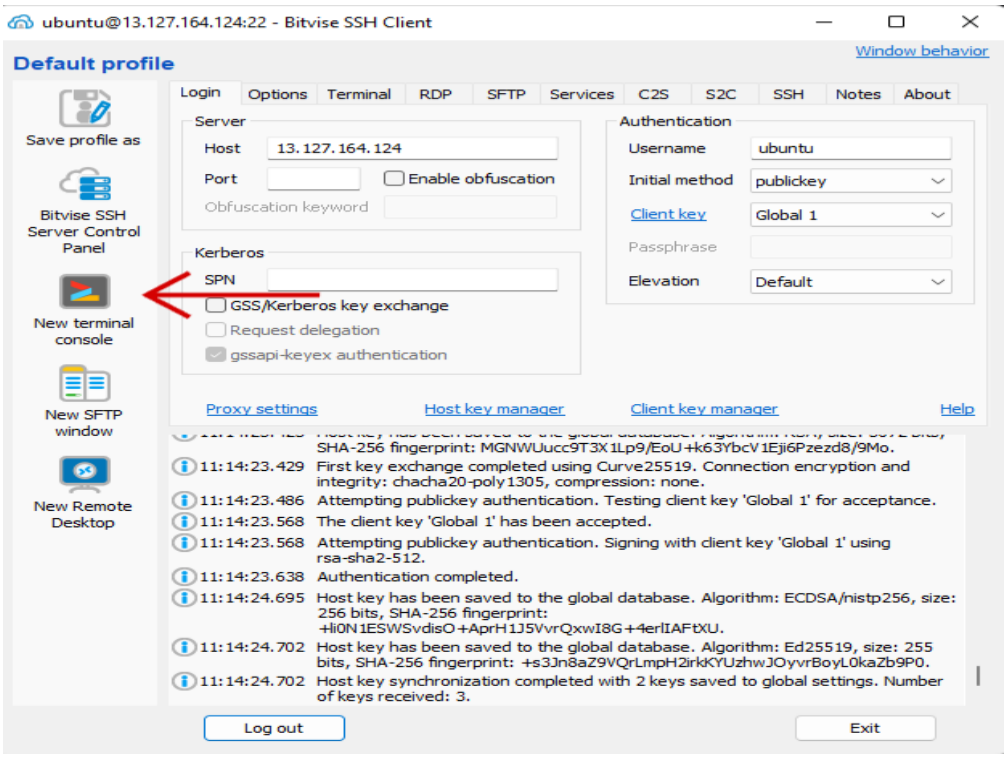
17. Set the **client key** as **Global 1**. After that click **Log in**.



18. Click on **Accept and Save**.

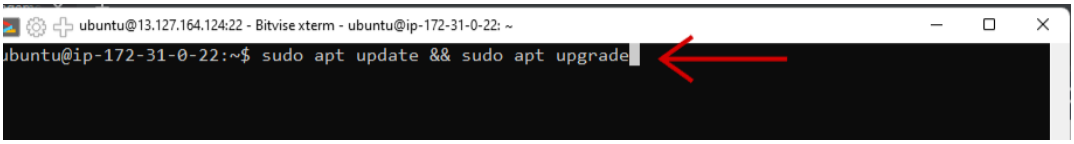


19. Click on **New terminal consol**.

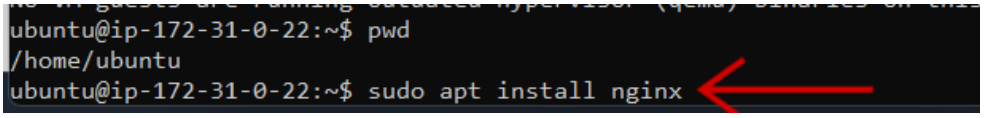


20. Enter these command on the consol.

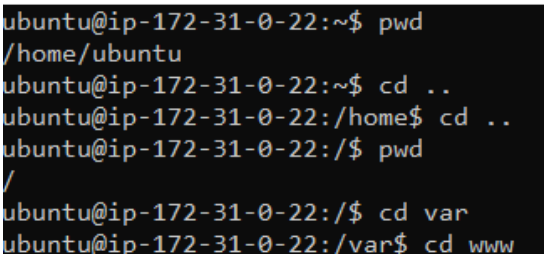
I) Enter **sudo apt update && sudo apt upgrade** to update the Ubuntu version.



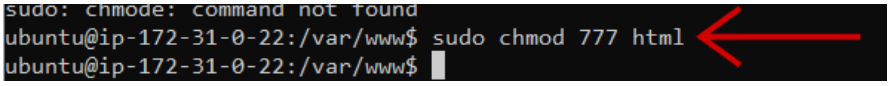
II) Enter **sudo apt install nginx** to install the nginx.



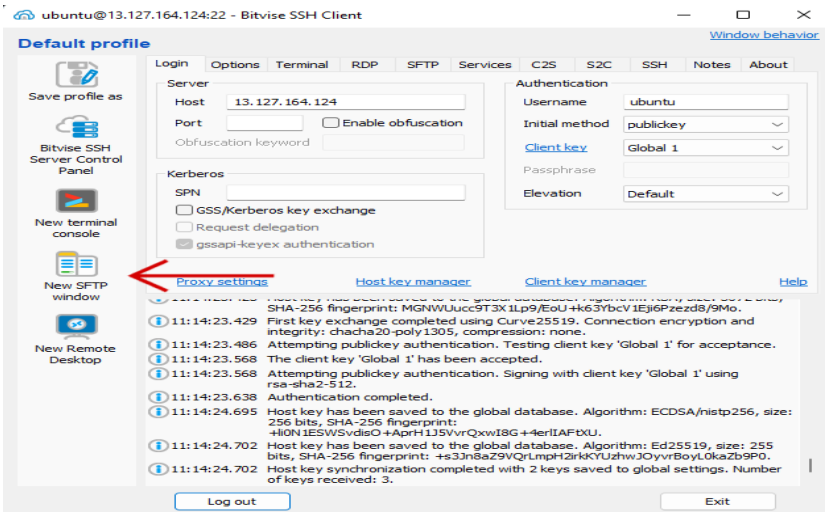
III) Enter the following command to change the directory from **/home /ubuntu** to **/var/www**.



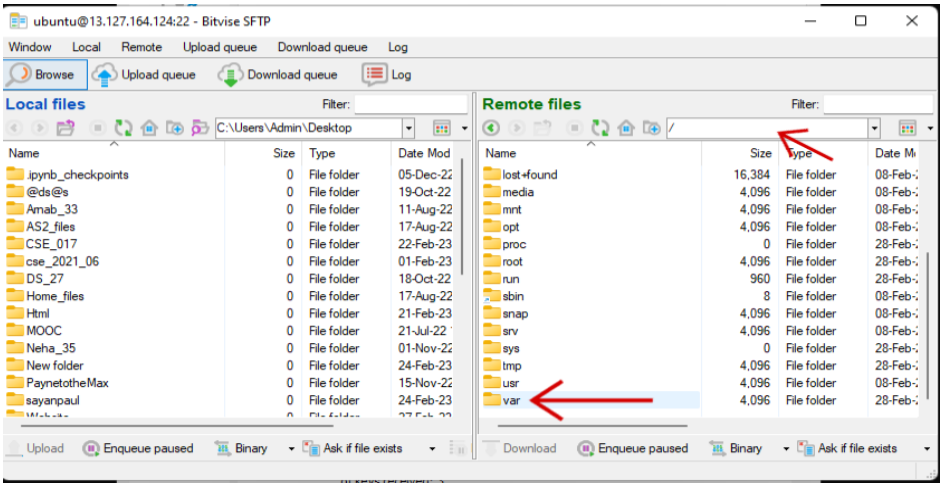
IV) Enter **sudo chmod 777 html** to give all the permission.



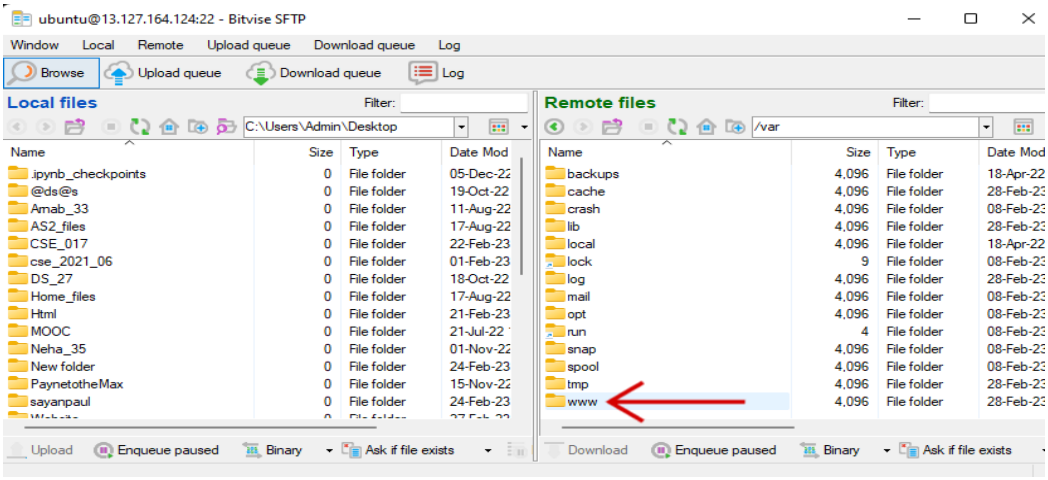
21. Click on **New SFTP window**.



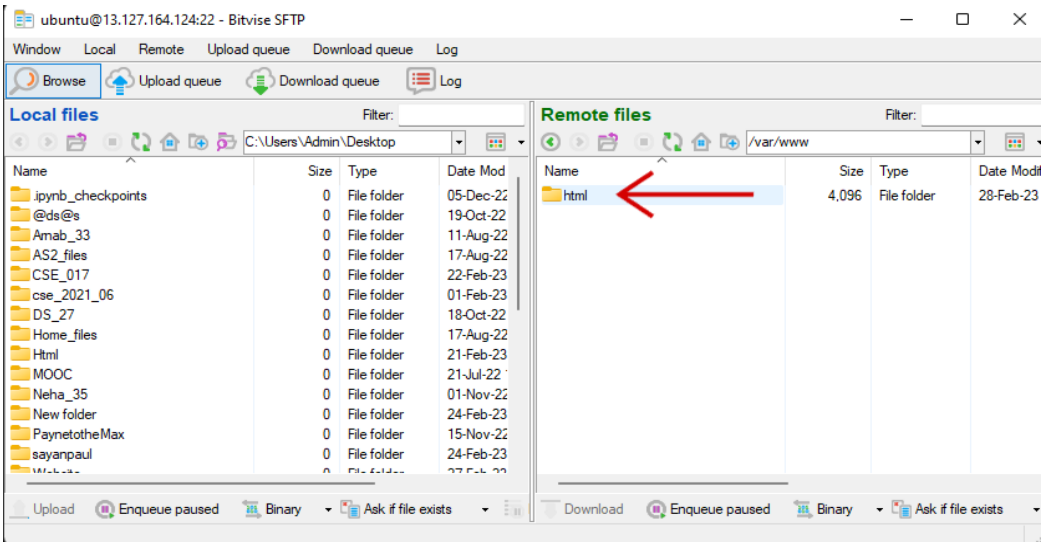
22. First enter **/** in the right bar to get in the root. After that click on **var**.



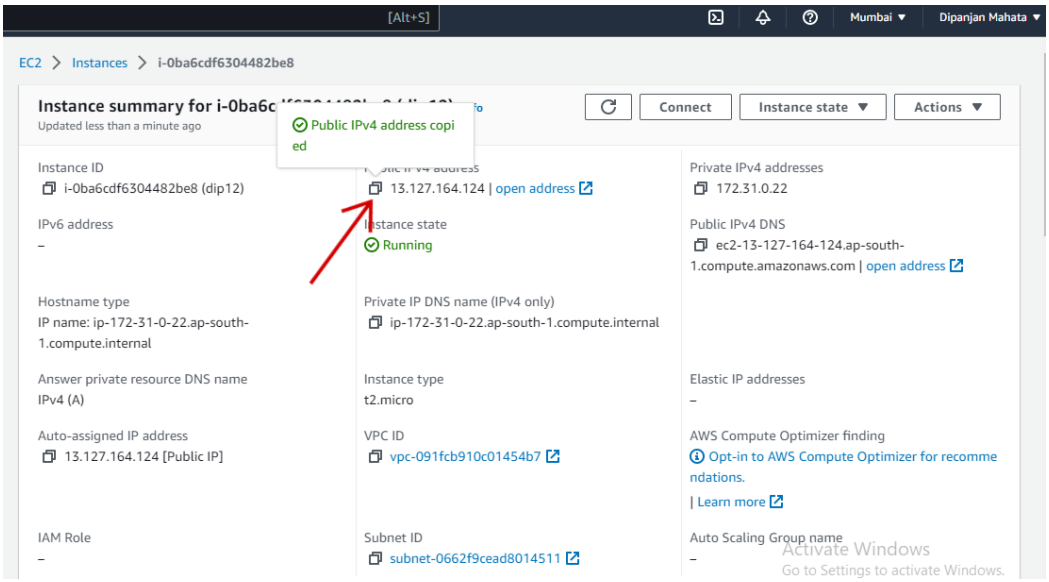
23. Now click on **www**.



24. Now click on **html**. After that copy the **static website file form local file** (which in on the local pc) and **paste it in the html file in the remote file section**.



25. Now come back to AWS and copy the same IP.



26. Now paste the IP in a new tab. Now your static website is live on the EC2 server.