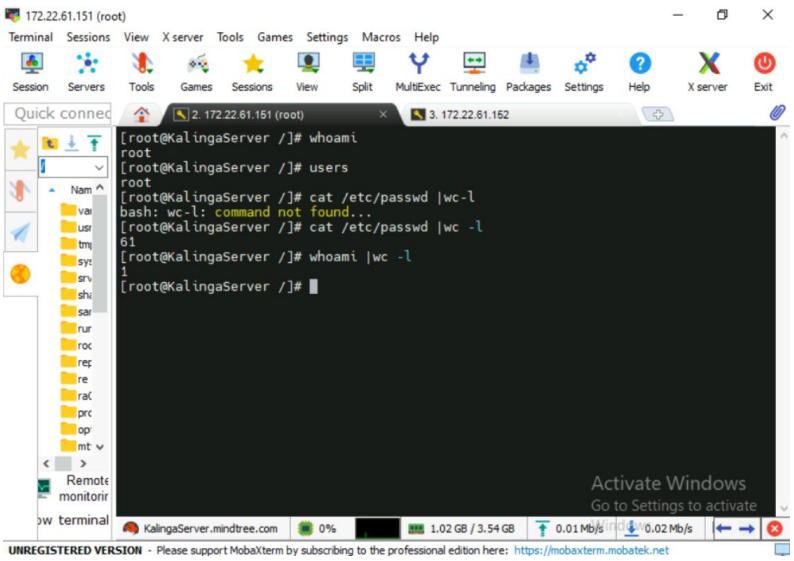
Karthick VM

Batch – CIS -1.3

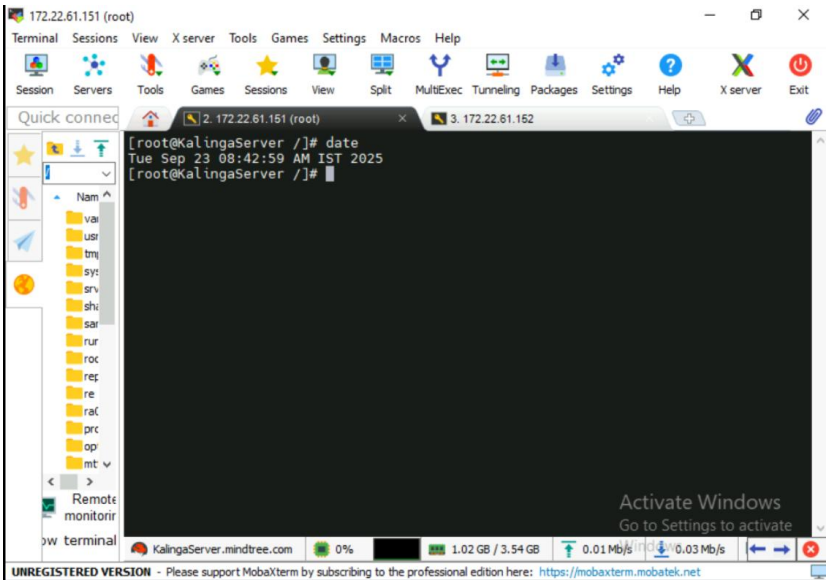
Mock Assessment -2 – Linux

Execute the following tasks

a. Display how many users logged in your machine
   - #whoami – display current logged-in user – here:1
   - At file : /etc/passwd we have the whole list of users in server – here:61

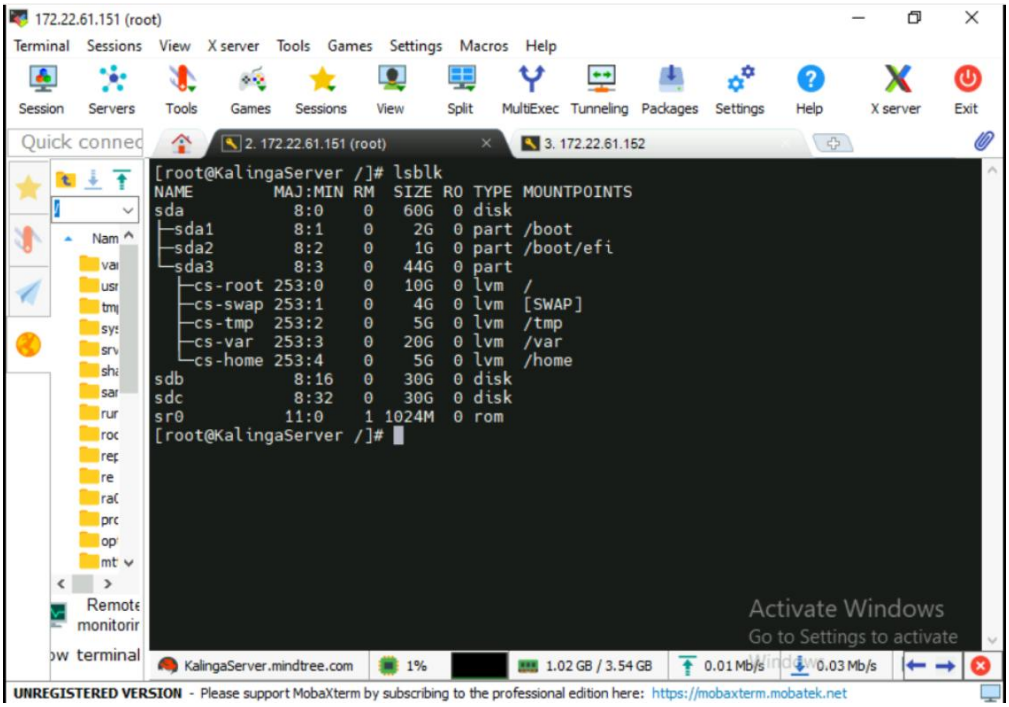


b. Display the Date and Time of Server Machine
   - Command: #date – displays the date,time and timestamp



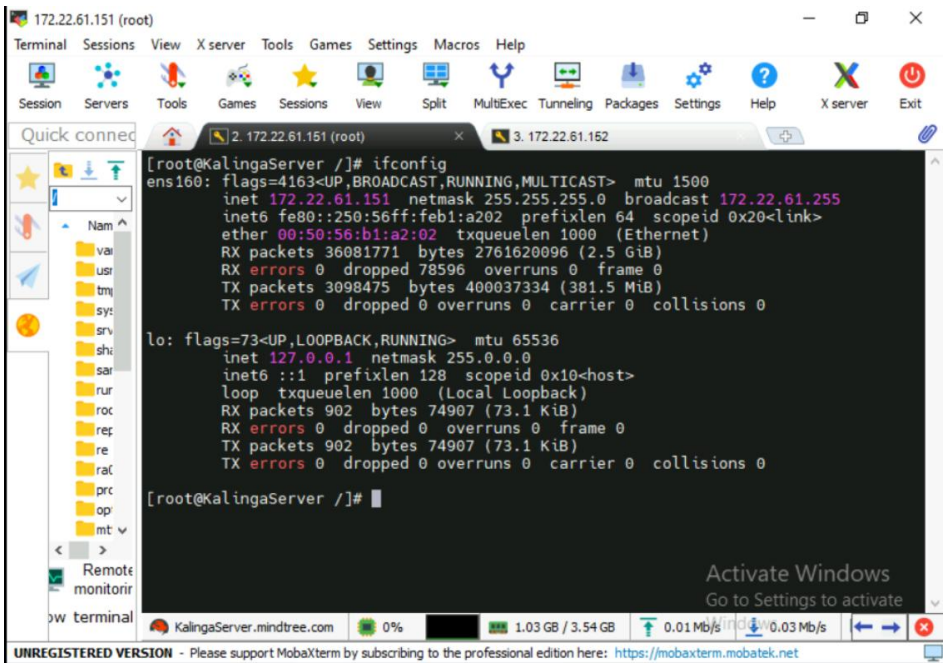
c. What is the command to check mounted partitions

- #lsblk – Displays the details of size of disk and details of partitioned disk with details of mount points.

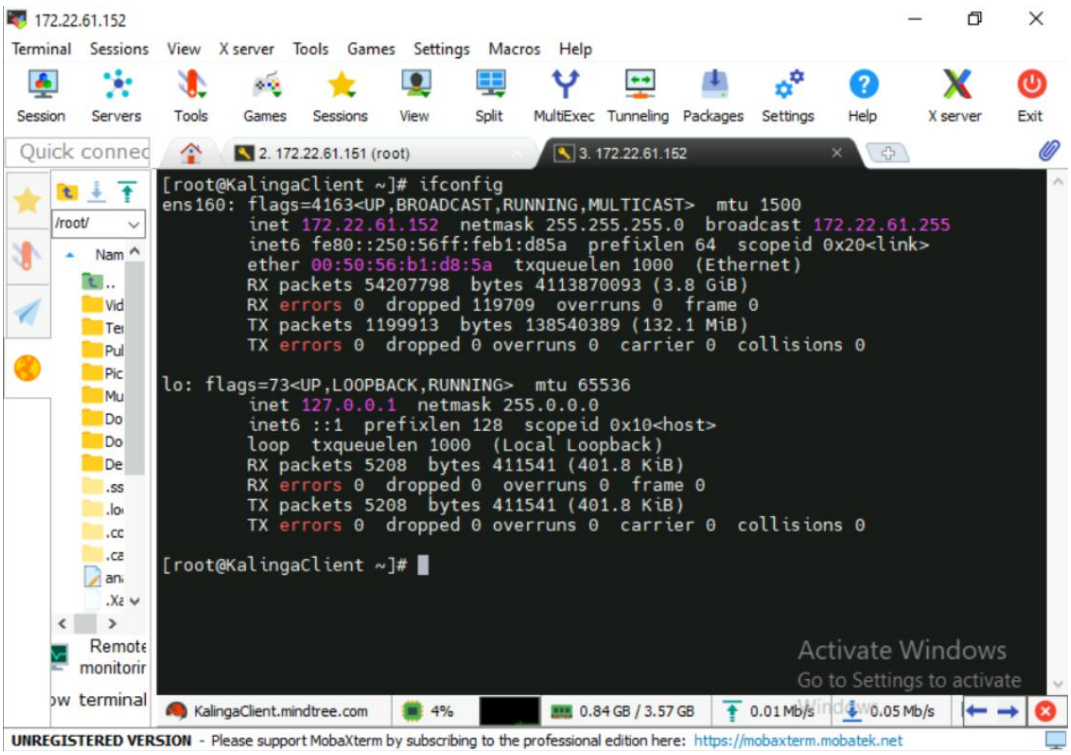


d. Display the Ip configuration of both client and server

- Server – Command : #ipconfig

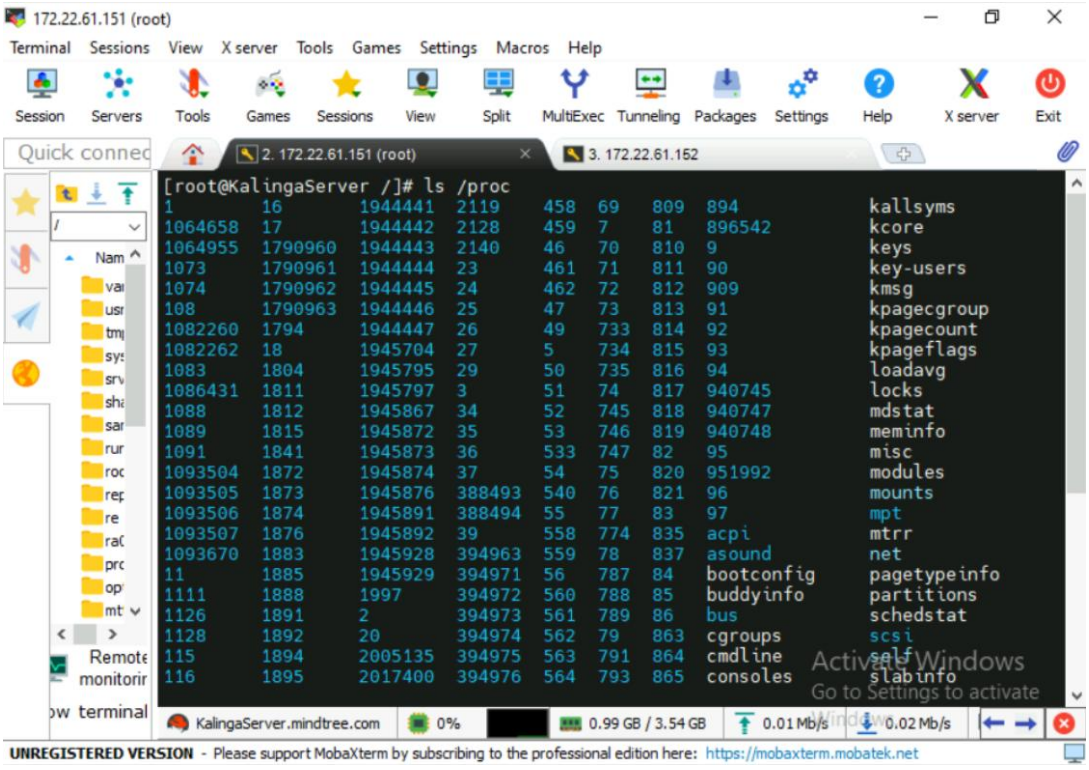


- Client

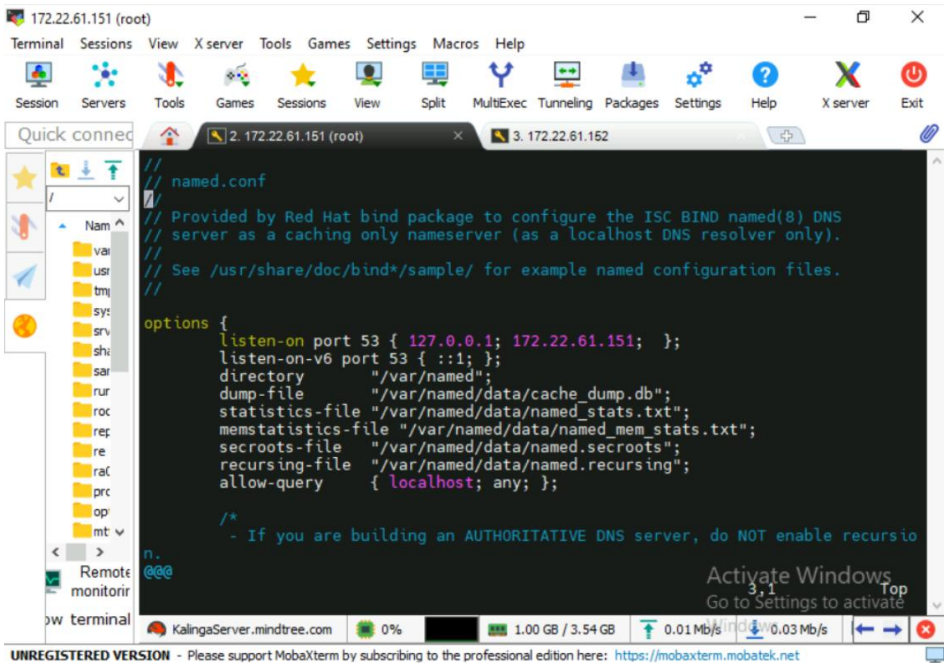


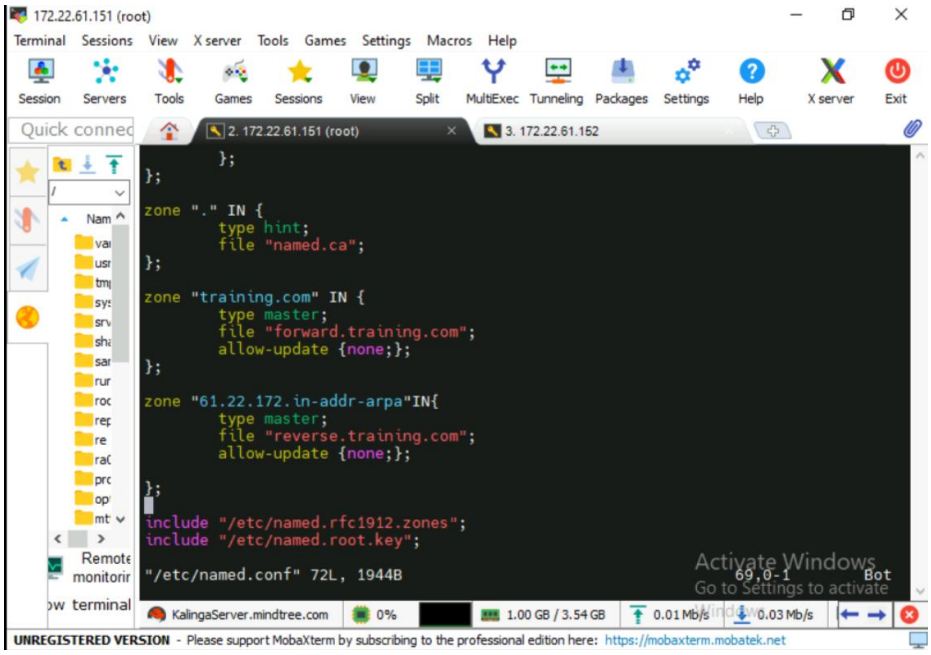
e. Display the content of /proc directory

- #ls – This Command displays the contents present in the directory.

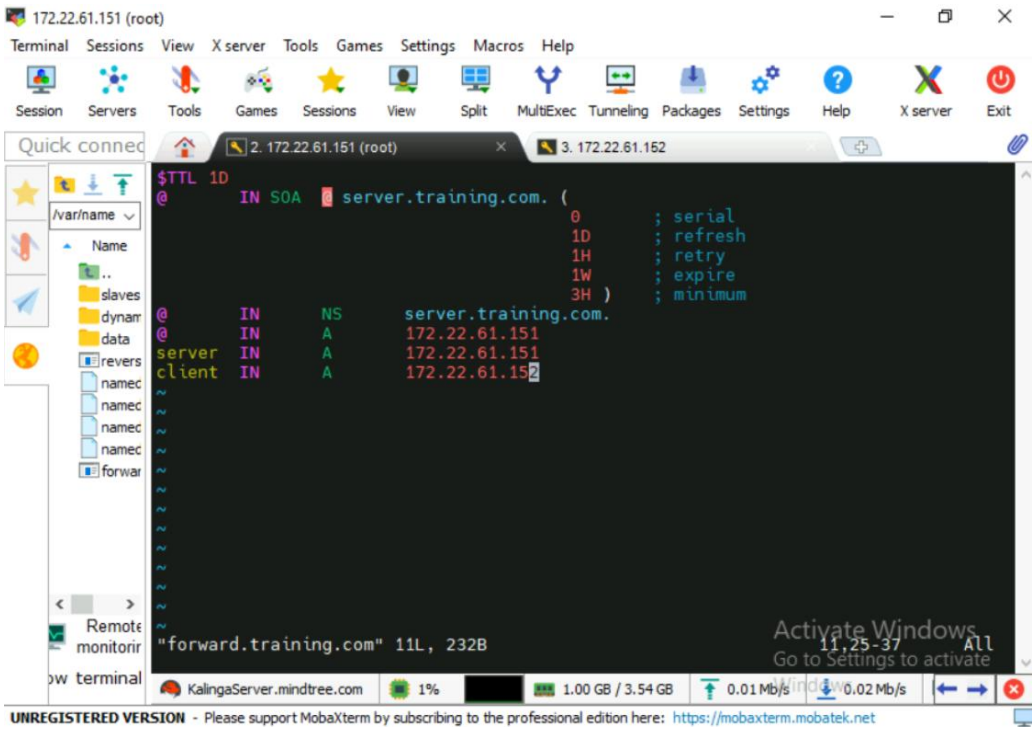


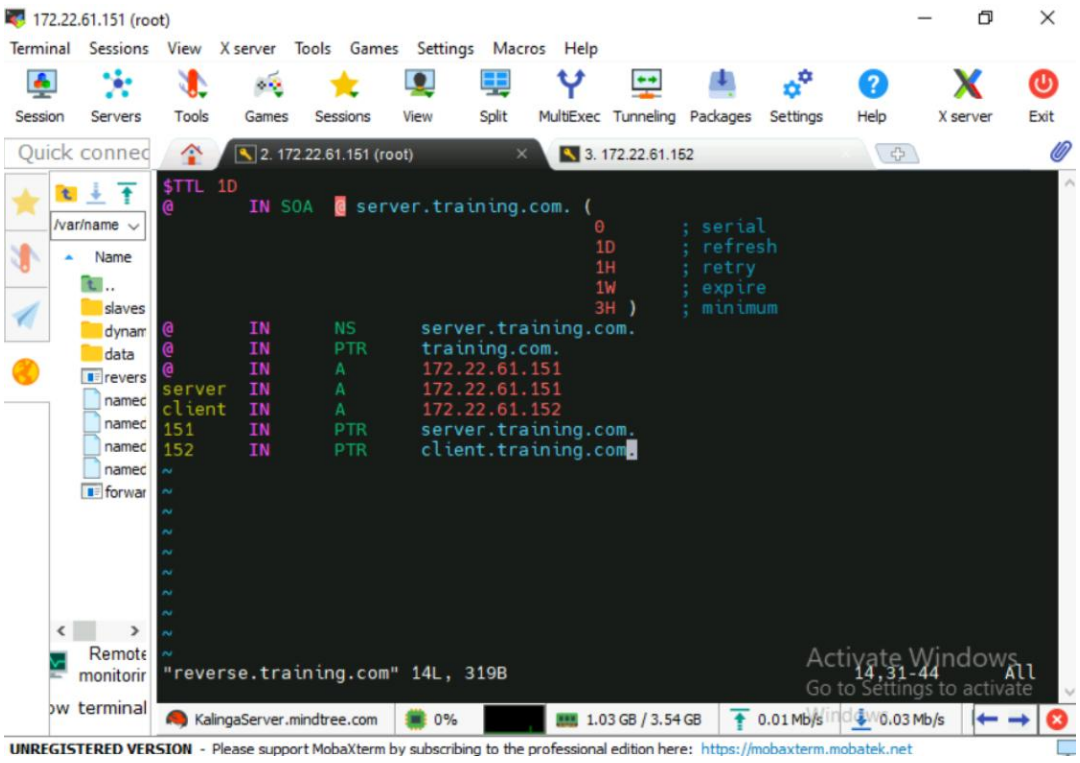
1. Install and configure DNS server and do the name resolution of both Server and client Machines.
    - Configure file -- /etc/named.conf
        - Add your ip in port 53 then add ‘any;’ in allow-query



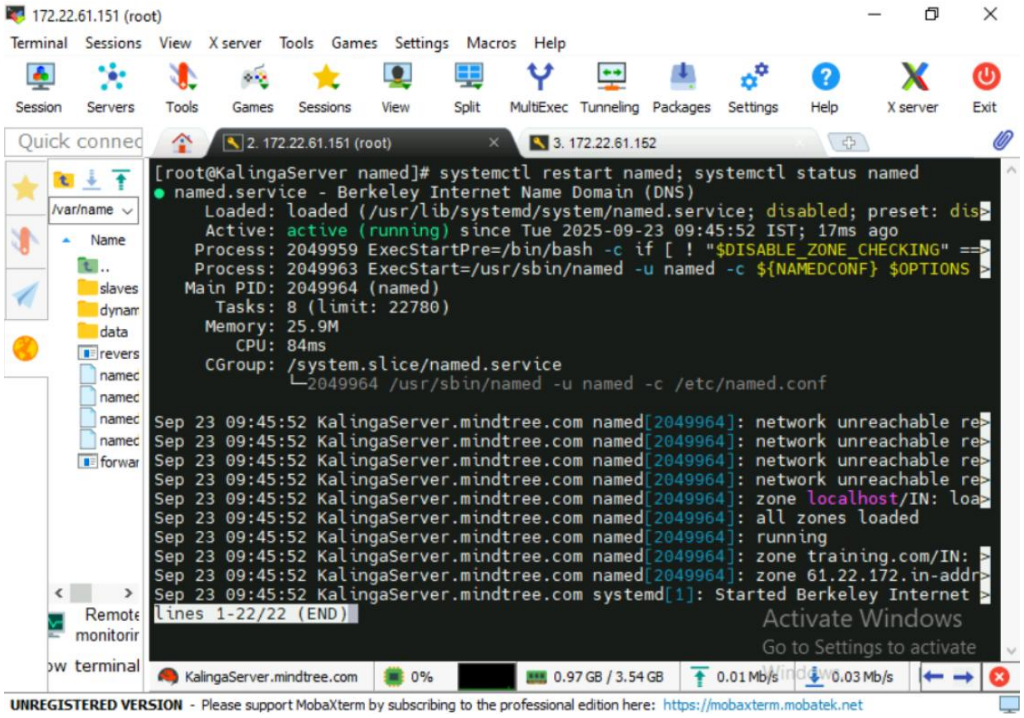


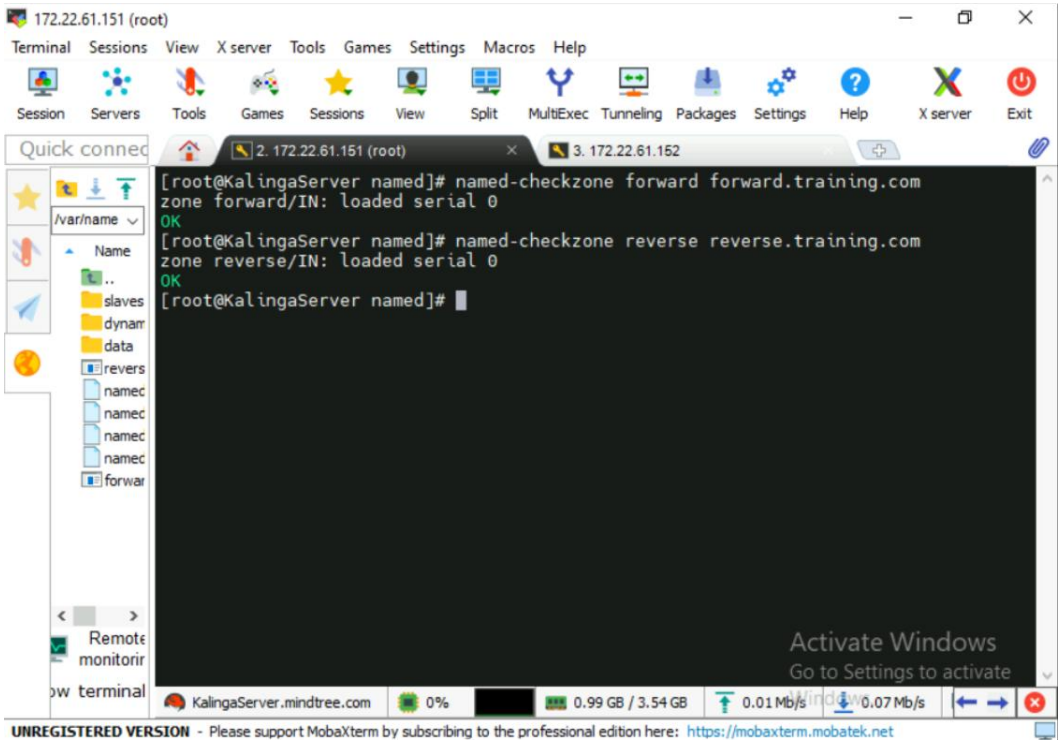
- Configure file -- /var/named/forward.training.com and /var/named/reverse.training.com





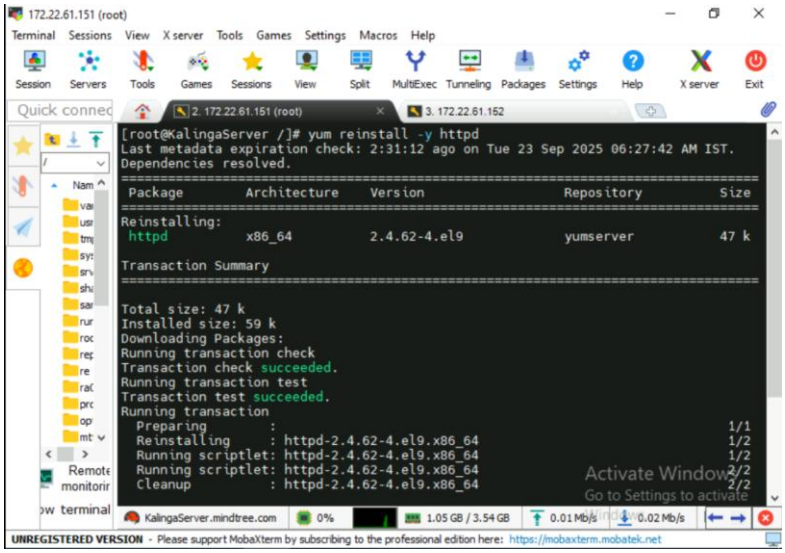
- Restart and check status of named using “systemctl”



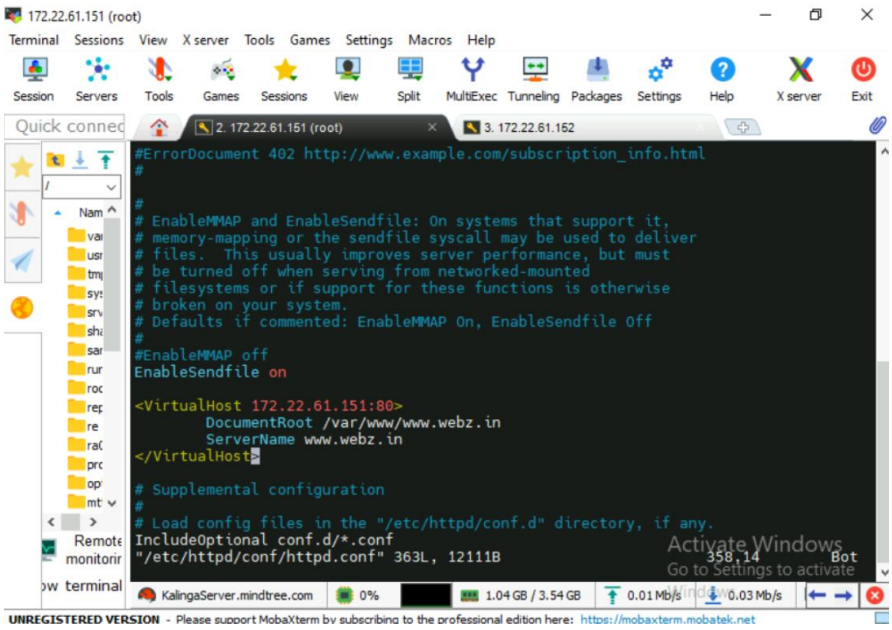


2. Create a website by using httpd and host a webpage so that that can accessed from Jump server.

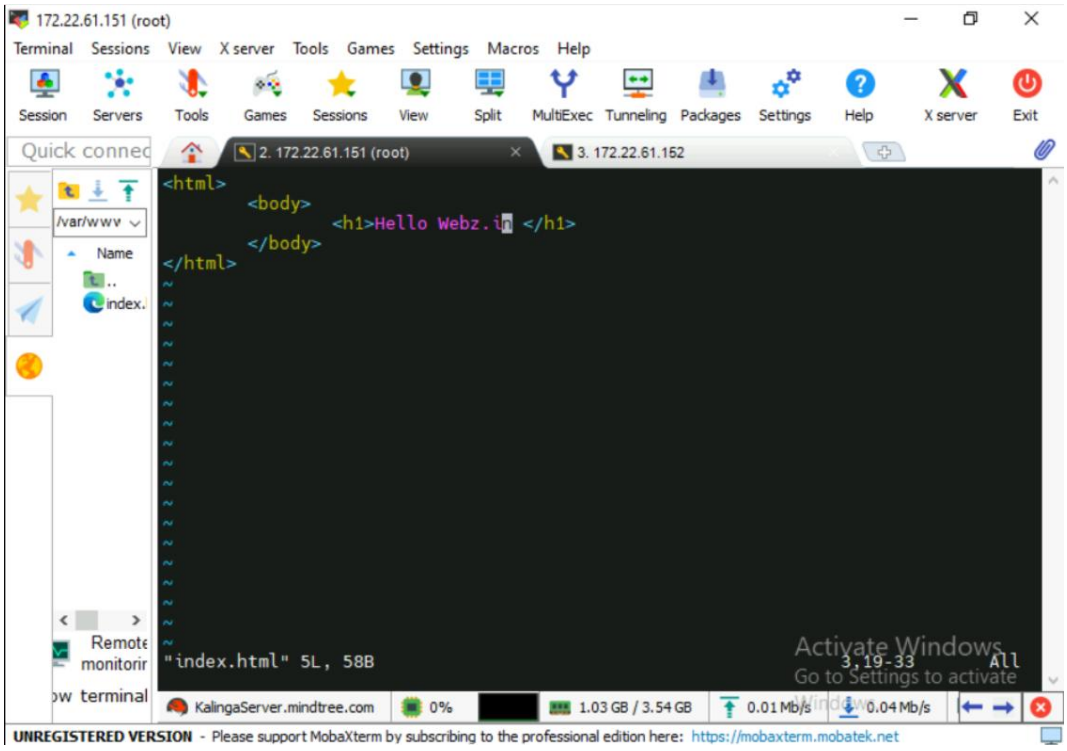
   - Install package httpd



   - Configure the file httpd.conf at path: /etc/httpd/conf with details of servername and document root



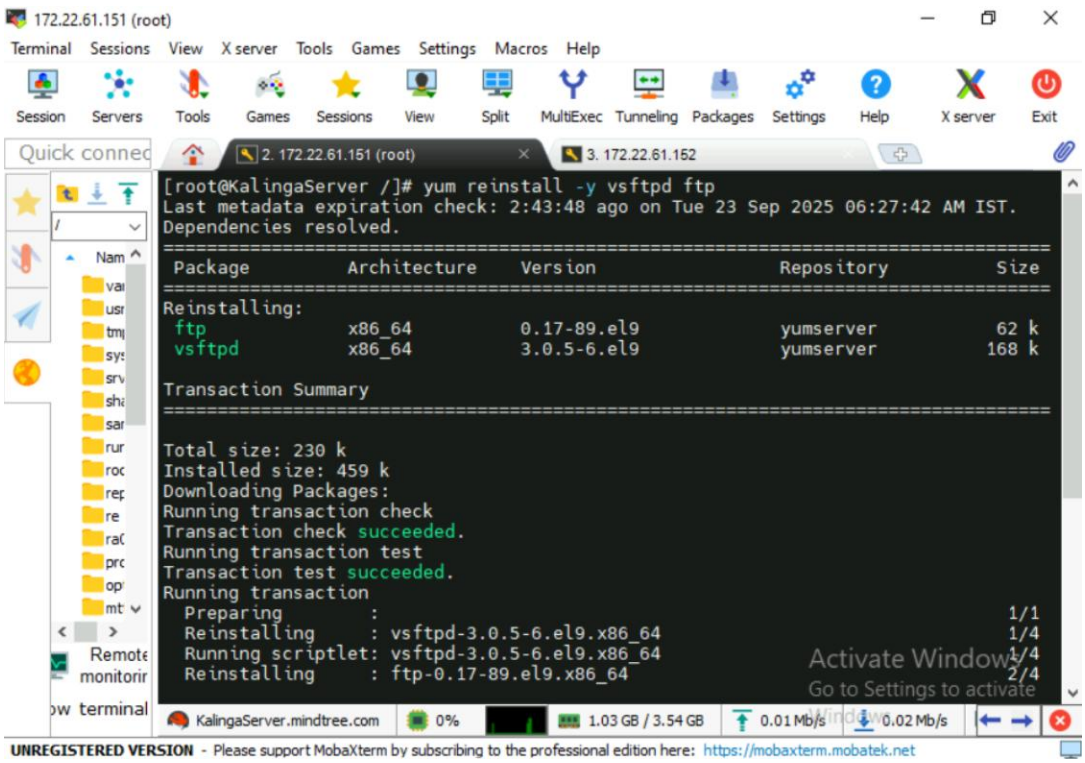
   - Create a html file→index.html at /var/www/www.webz.in



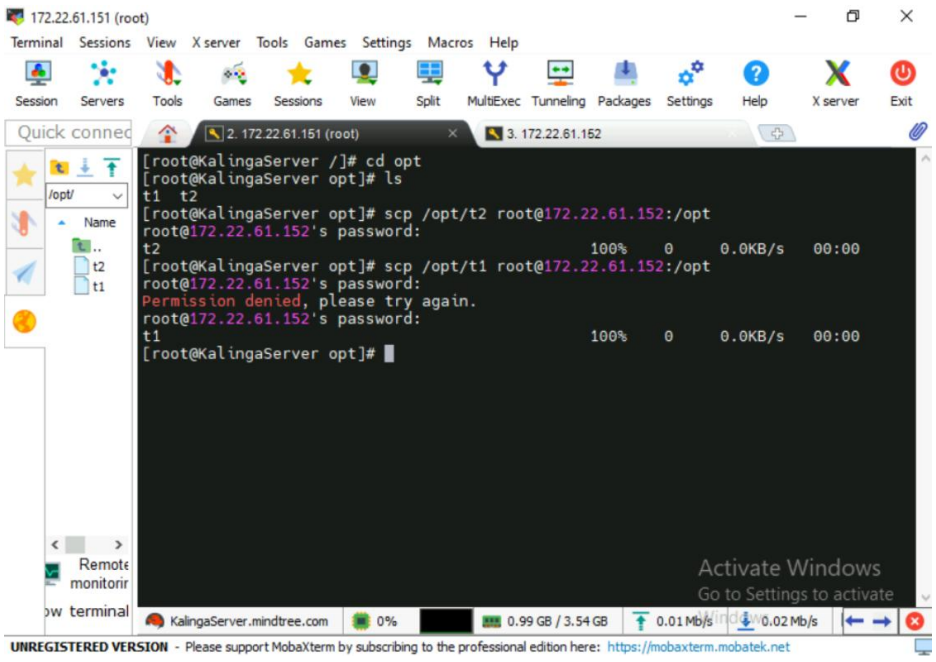
- Go to any browser and type the server ip – i.e 172.22.61.151 to view the webpage.

Hello Webz.in

3. Securely copy the files of /opt directory of server machine to /opt directory in client machine using SCP
   - Install packages vsftpd and ftp



- Create files t1,t2 in /opt and using command #scp – a secured copy of these files are transferred to the client machine's /opt



- Now going to the client machine's /opt directory we can clearly see the t1,t2 files .