· go to hosts and add your server 1 and server 2 namo / etc/hosts

Add: 15.168.39.192 server 1 13.208.141.45 server 2

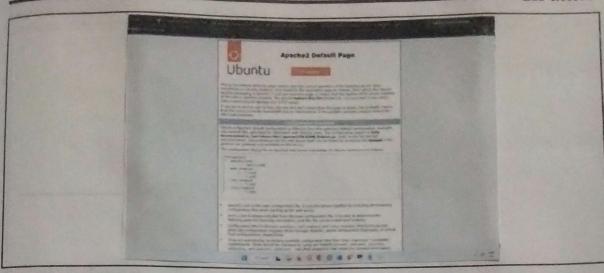
Generate ish key from ambile server ssh-keygen -t rsa (and) press > enter > enter > enter you can see sich keys of public key and private key. . Copy the public key (id - 15a. pub) and paste it in authorize-key on server 2 and server 2 cat id-rsa. pub

· Go to selvers and servers · dogin servers and parte this public key in schlauthonzeker

Care it and come out from the shell) · dogin servere and paste this public key in . ssh fauthorize key (same it and come out from the shell) · Return to the anible server and shock if ping is working on servers and servers ping secures · create a directory in the name of ansible nikdii aniible · Get in the amible directory · Greate an inventory file and then add these lines hosts nano inventory [webservers] server 1 (same it and come out from shell) · Create anible cfg file and add these lines naus ansible ofg [defaults] unentory = post auxille unentory remole-user = uburtu ask-pass = false (same and come out of it) For testing purpose, me med to install ugins in seniers · Create a your file for install uginn and apache in nano install-meberners-ynd - name: Install web servers host: webserners become: true

DevOps = - name: gustall rigins on servers OUTPUT when: inventory-hortname == 'slevel's'
- name: Install Apache on server 2

apt: name: ngun name: aparche & when: Innenton, hostname = = 'server2 - name: Emerre Aginx is started and enables on servers service: name: name State: started enabled: yes when: innentory - host name == 'server 1' - name: Ensure Apache is started and enable on servers service: name: apaches state: started enabled: yes when: in weitery - hostname == 'server 2' ( same and come out from shell) · Run avrible your file using the following command. ausible-playbook -i /root/ausible/cinuentory unstall-webservers. ynd Here you can see installing norms and apache each series and gou can test by copy each series ip and paste it in Welcome to nginx! Party for the costs, the sides and server women. So the land of the street



## **VIVA QUESTIONS**

- What is the difference between a Jenkins server and an Ansible controller?
- Ans. Jenkin automotes er/co pipelines, managing build, test, deployment Why is Jenkins often integrated with tools like Ansible in DevOps pipelines?
- Ans. To automate infrastructure provisioning, configuration manage ment, and deployment energy efficient Blendps flows.
- How do you create an Ansible controller node on AWS?
- Ans. Kaunch an Ecz untance, install Arible mung yum or apt, configure SSH access, and define unentory and playbooks.
- How can you test if the Ansible controller can communicate with the managed nodes?
- Ans. Run ansible all -m ping to check connectivity between the anisble controller and managed nodes.
- How does Jenkins push Docker limages to Docker Hub?
- Ans. Tenkins builds image, logs unto Docker Hub, tage the image, and purhed it using docker push

servers

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