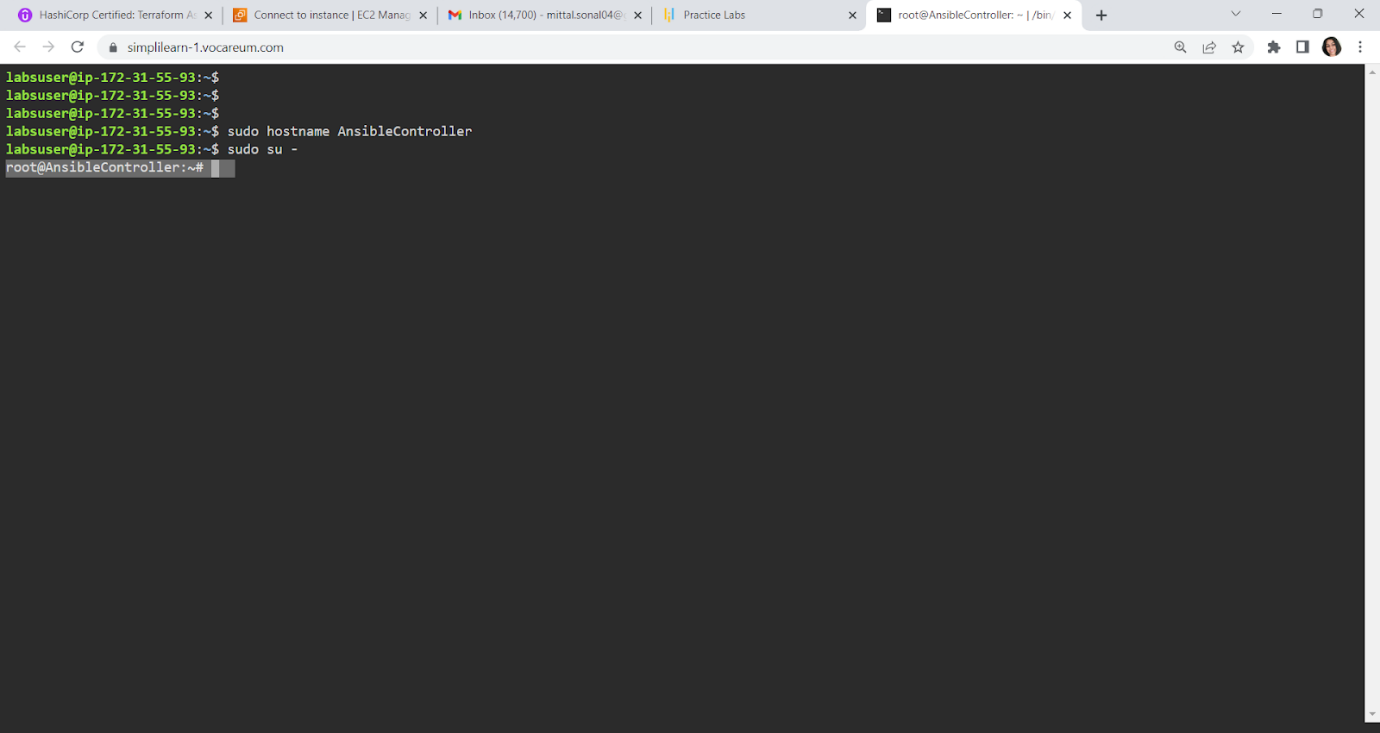
#  sudo su –



Let’s us Install Ansible on this Machine:

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# ansible --version

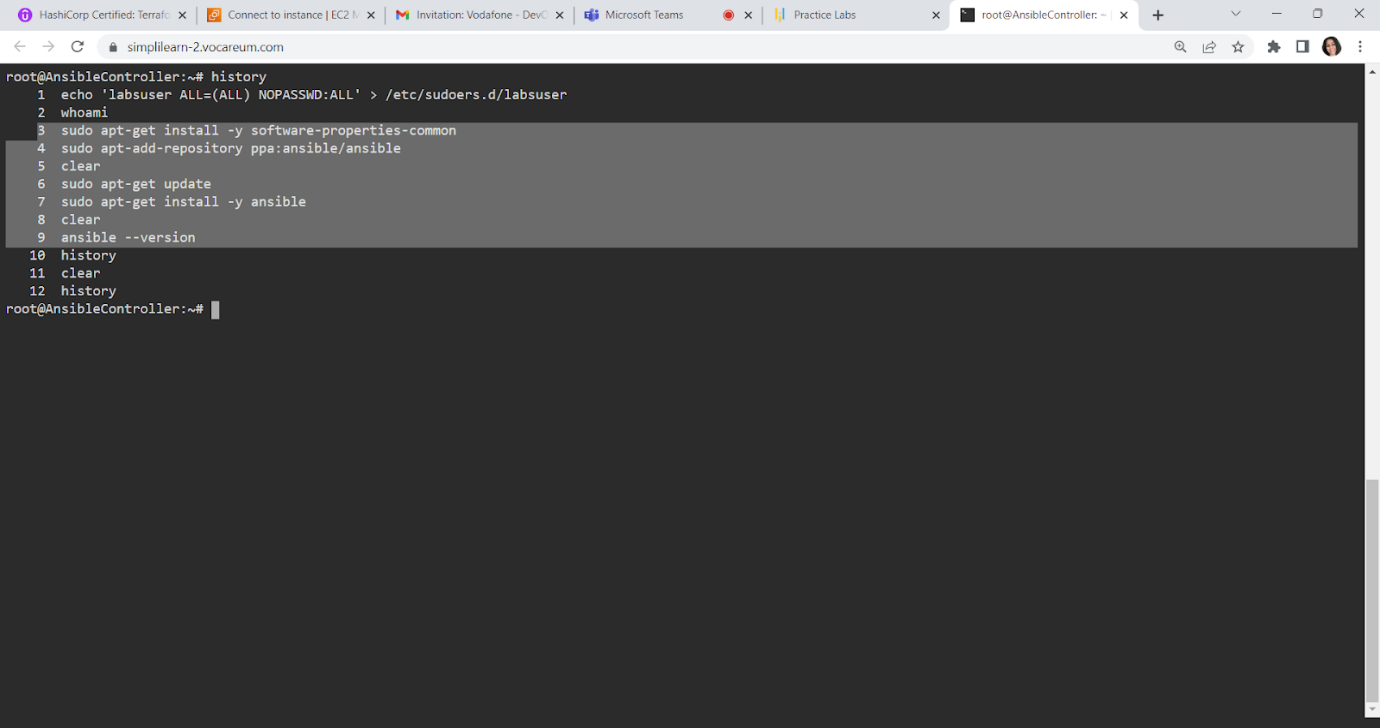
Setup Ansible:

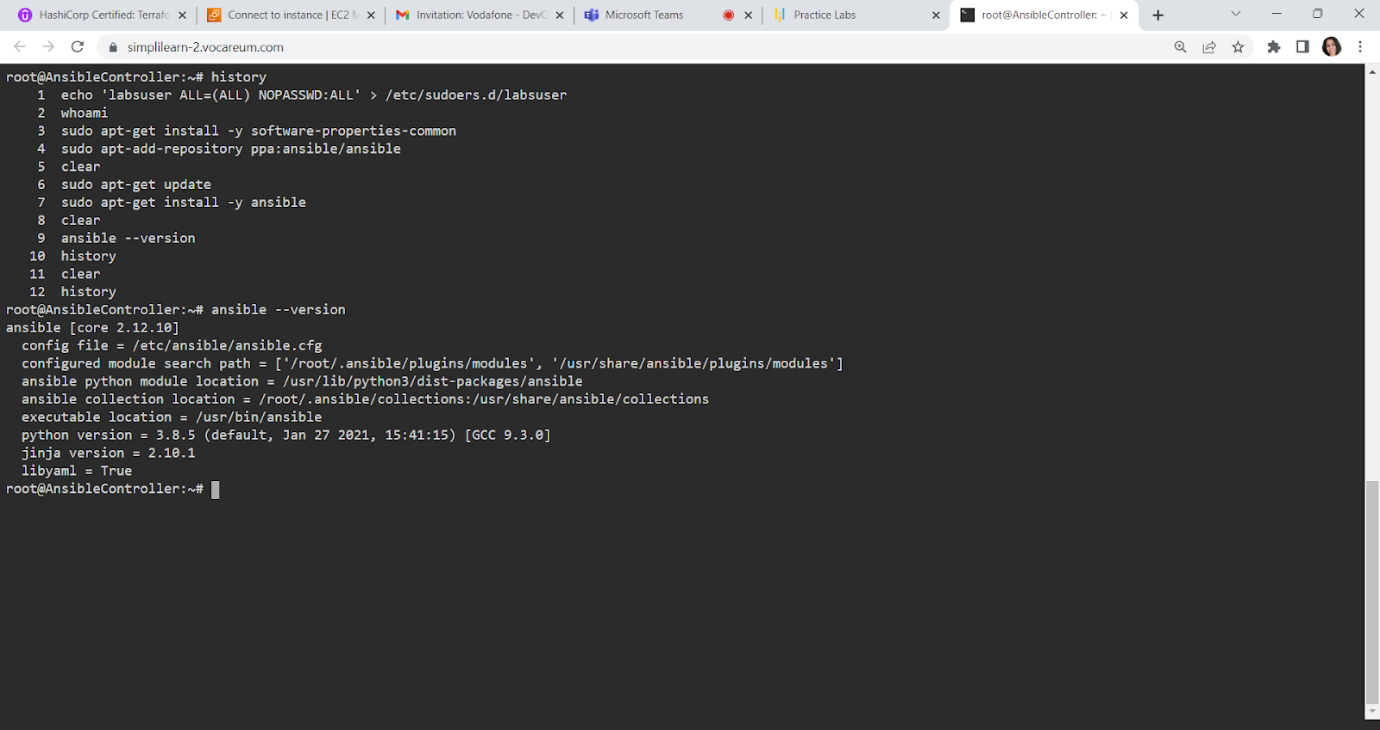
#  sudo apt-get install -y software-properties-common

#  sudo apt-add-repository ppa:ansible/ansible

#  sudo apt-get update

#  sudo apt-get install -y ansible





Ansible Installation is complete now on the Master node.

OPEN SECURE SHELL CONNECTION – SSH Connection setup

**Step 1: Execute on Master terminal**

===============================================

Create a new user on the terminal:

# **adduser ansiuser**

Enter New password :  **ansiuser**

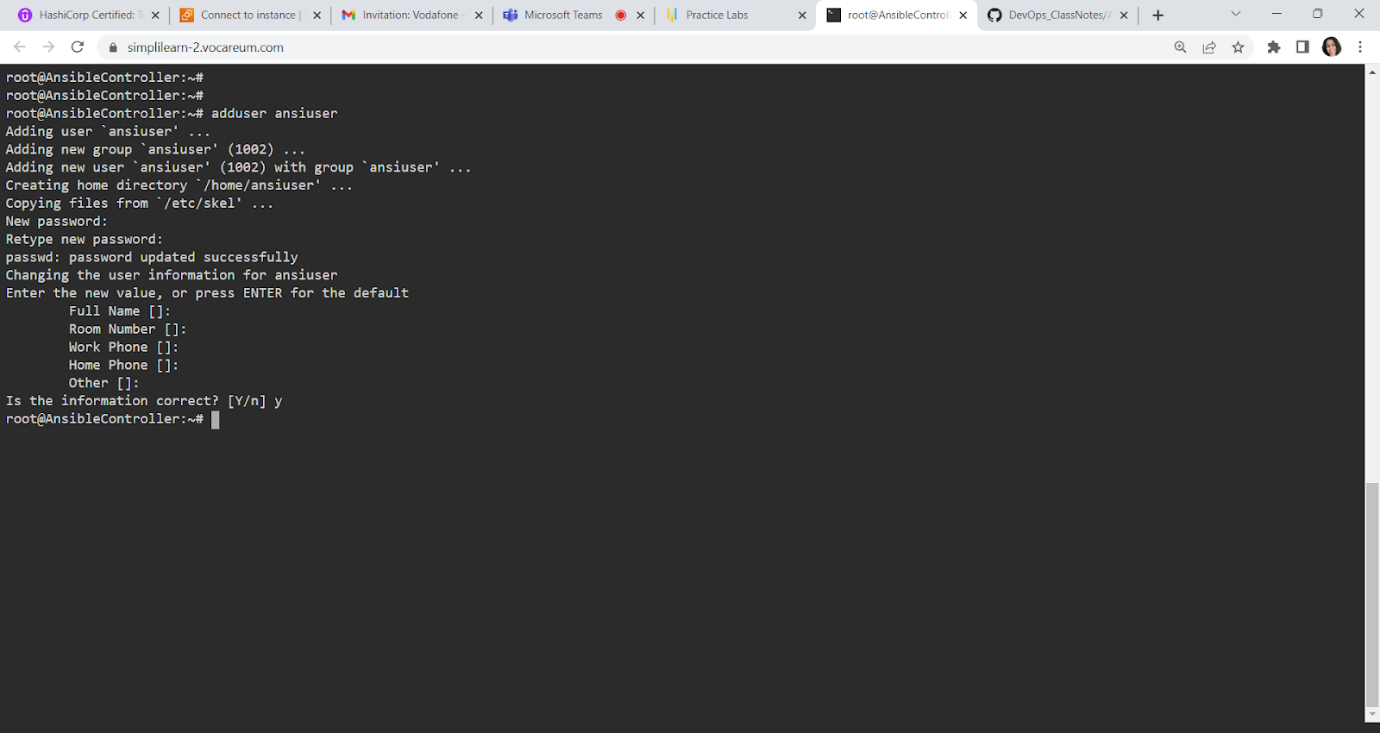
Retype new Password: **ansiuser**

Don’t enter any value for fullname, room number, workphone, homephone other

Just keep pressing enter key.

And give Y  for

Is the information correct ? [Y/n]  : y

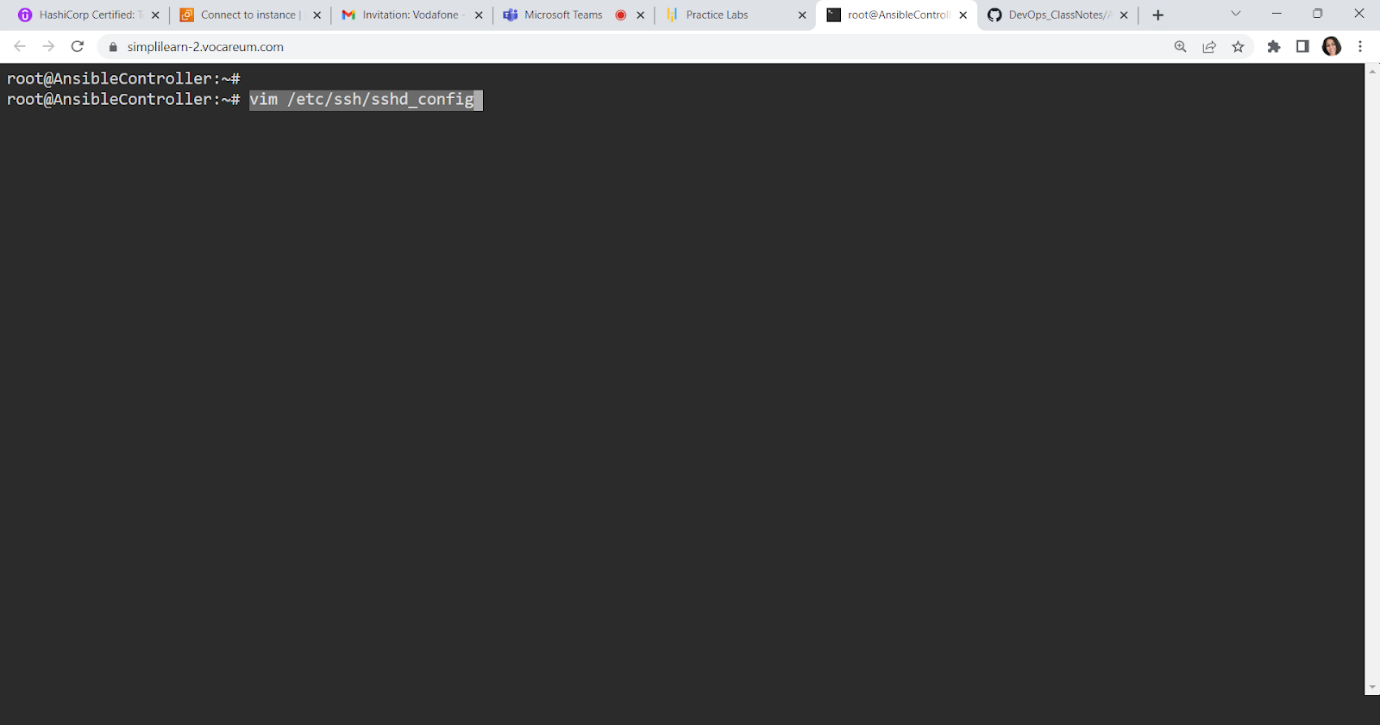


User will now be created.

Step 2:

Open the below file by executing below command:

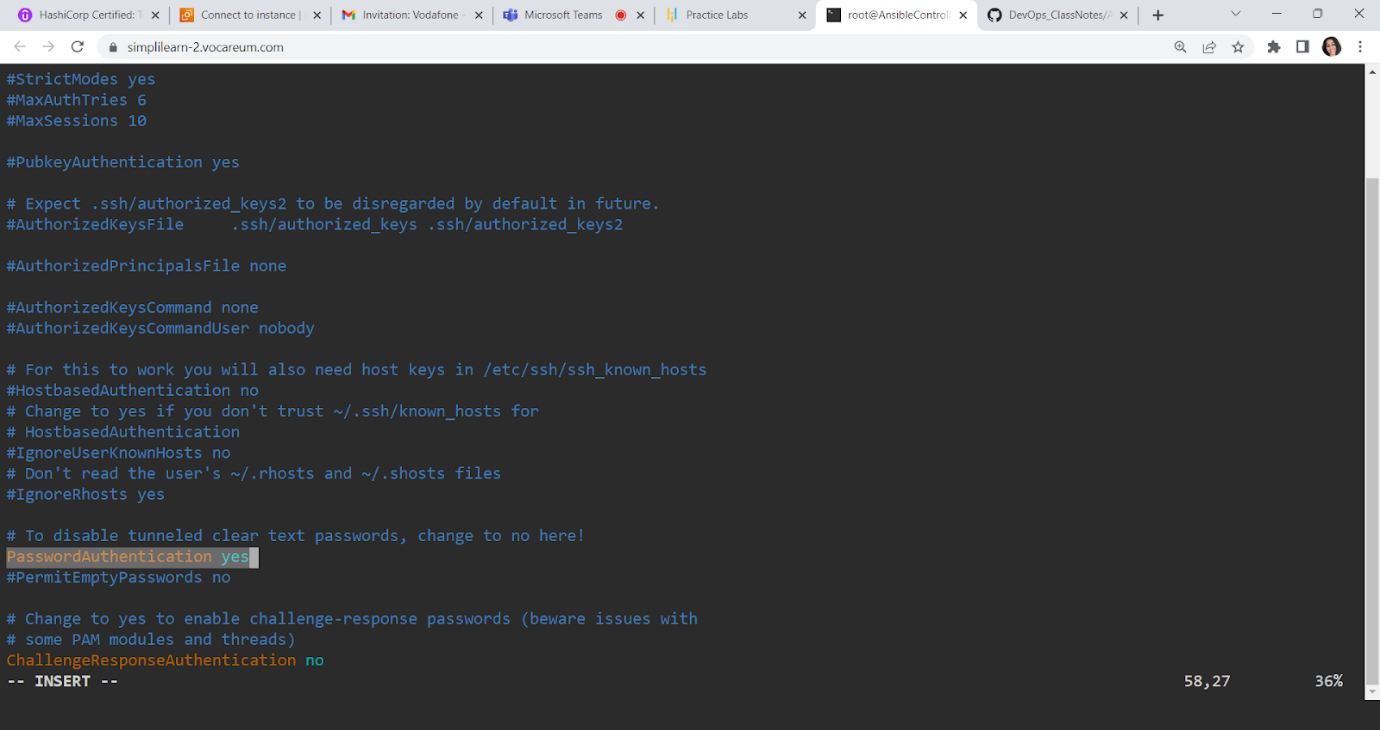
#  vim /etc/ssh/sshd\_config



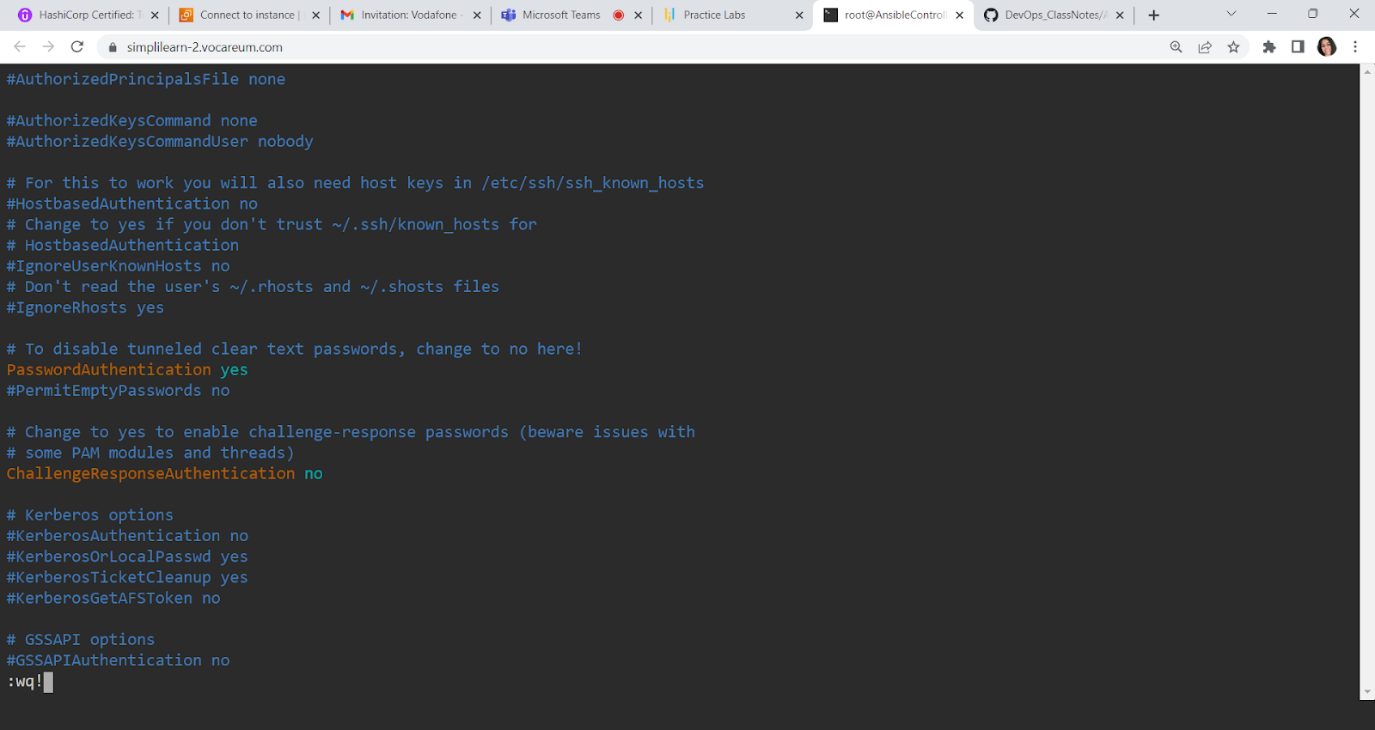
Press i

Scroll down until you find PasswordAuthentication no

* Change value of PasswordAuthentication  to yes



Save the file by pressing ESC key and then enter :wq! 🡺 press enter key



Step 3:

Add ansiuser in sudoers files and give all permission

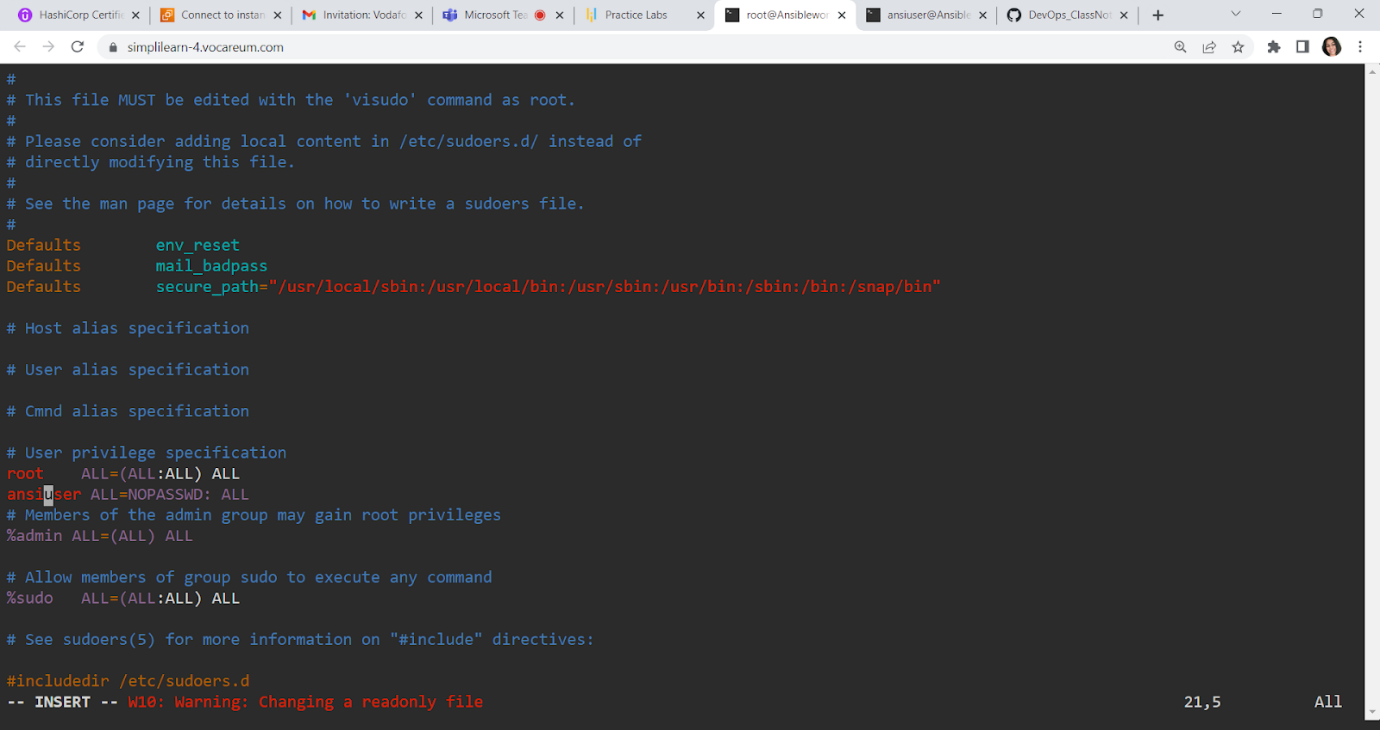
# **vim /etc/sudoers**

Press i

Scroll down until your find : # User privilege specification

Now enter below line under 🡺 root    ALL=(ALL:ALL) ALL

**ansiuser ALL=NOPASSWD: ALL**



Save the file.

Step 4:

Execute below command :

#    systemctl restart sshd

Repeat these steps (1 to 4)  on Worker 1 and worker 2

Step 1:

Create a new user on the terminal:

# adduser ansiuser

Enter New password :  **ansiuser**

Retype new Password: **ansiuser**

Don’t enter any value for fullname, room number, workphone, homephone other

Just keep pressing enter key.

And give Y  for

Is the information correct ? [Y/n]  : y

Step 2:

Open the below file by executing below command:

#**vim /etc/ssh/sshd\_config**

Press i

Scroll down until you find PasswordAuthentication no

* Change value of PasswordAuthentication  to yes

Save the file. ( press ESC key and give :wq!  ⇒  press enter key )

Step 3:

Add ansiuser in sudoers files and give all permission

# vim /etc/sudoers

Press i

Scroll down until your find : # User privilege specification

Now enter below line under 🡺 root    ALL=(ALL:ALL) ALL

**ansiuser ALL=NOPASSWD: ALL**

Step 4:

# systemctl restart sshd

Generate SSH key on Master machine and copy SSH key on worker machine

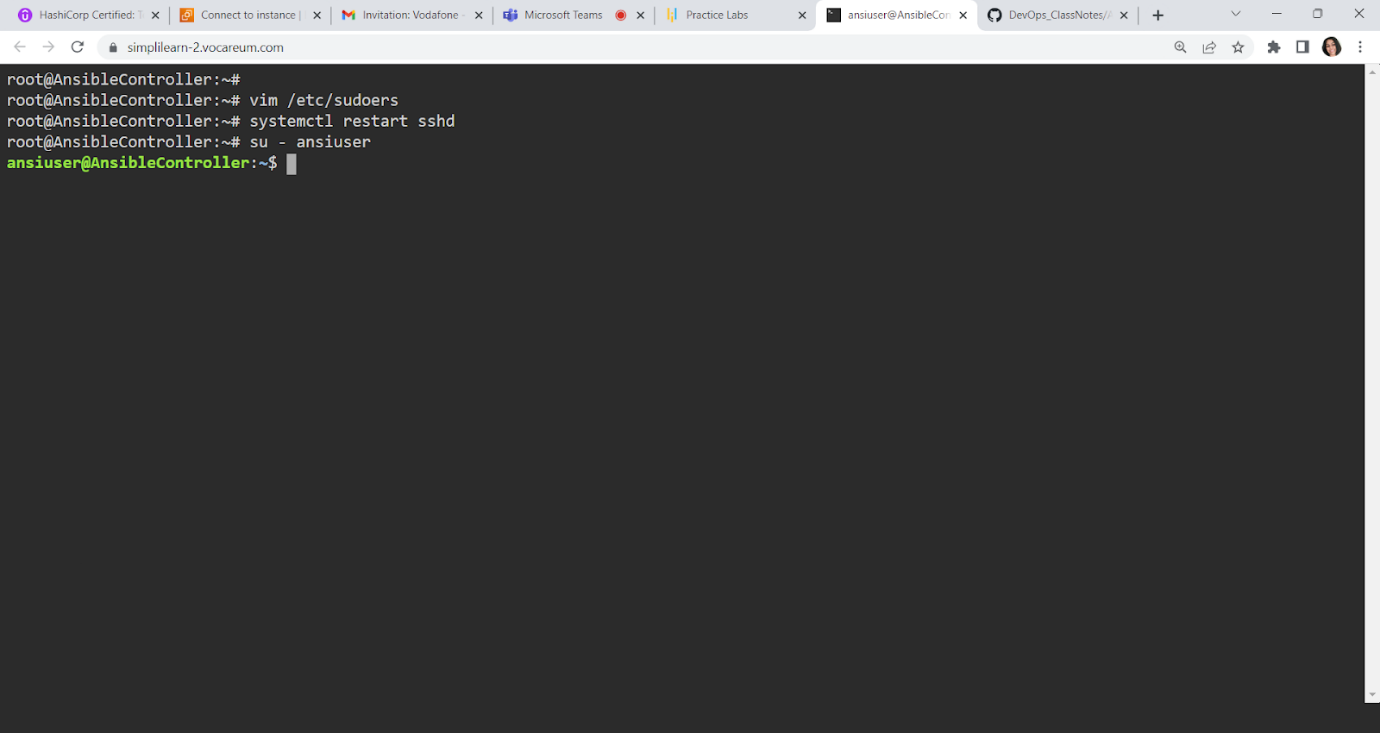
**All These Steps will be executed on Master Machine only**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Step 1:

Change user from root to ansiuser

#   su - ansiuser



Step 2:

Generate ssh key on Master node for ansiuser

Execute below command:

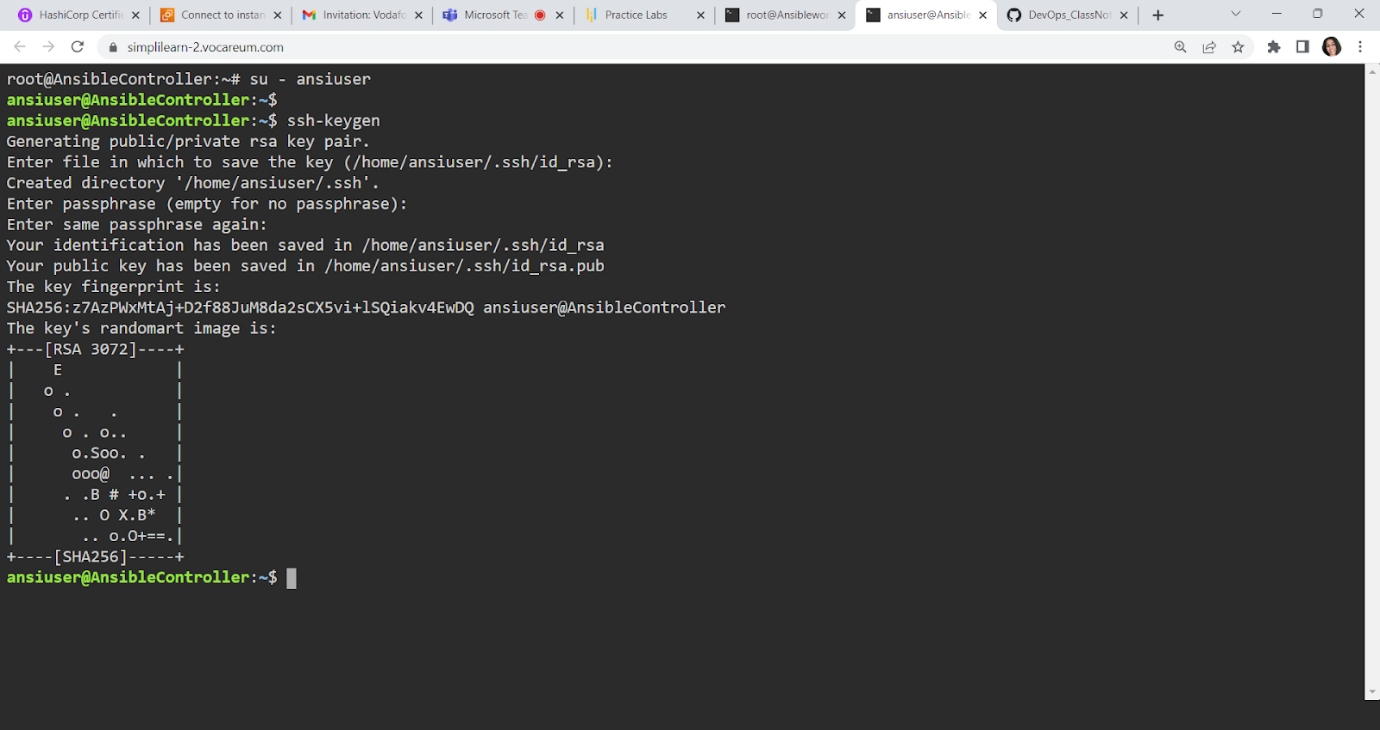
# ssh-keygen

press enter

press enter

press enter

ssh key will be generated



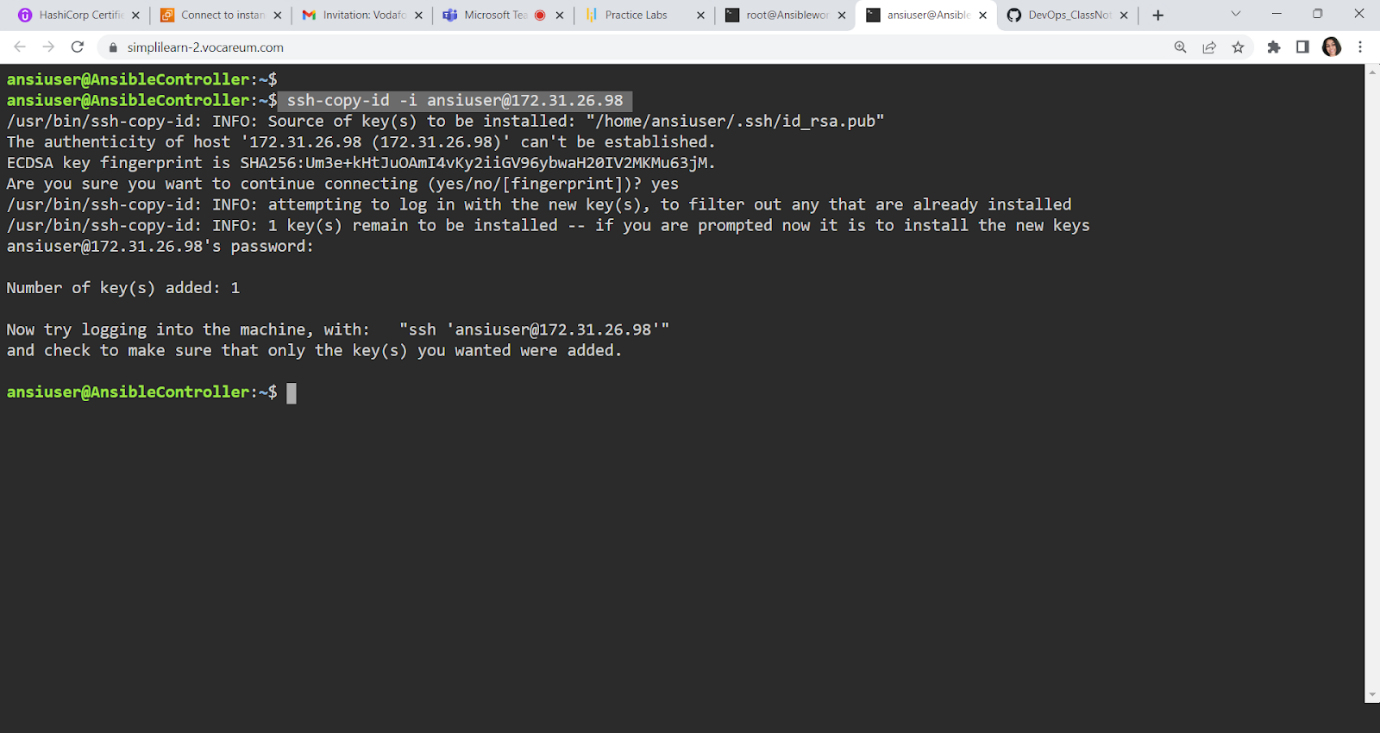
Now lets copy the ssh key of master machine to Worker machine1 and worker machine 2

Execute the below command on master machine.

Syntax:

 ssh-copy-id -i ansiuser@privateipWorker1

#  ssh-copy-id -i ansiuser@172.31.726.98



Repeat the same command to copy ssh key on Worker2 also.