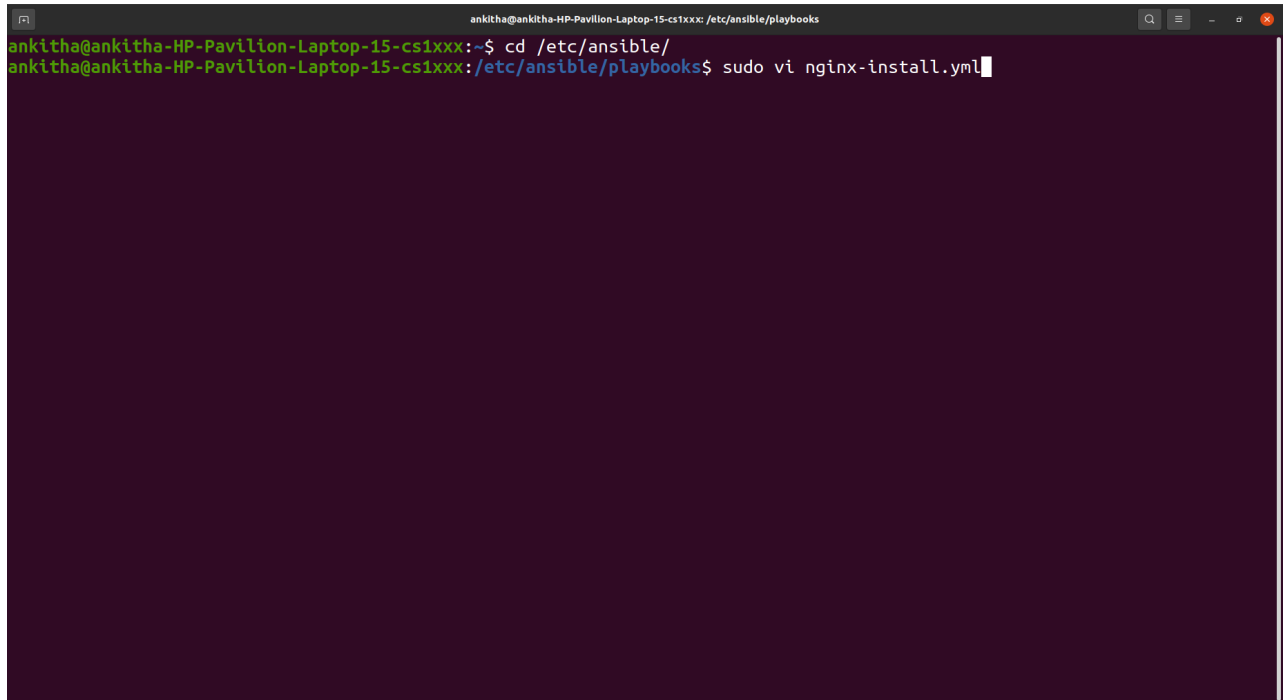


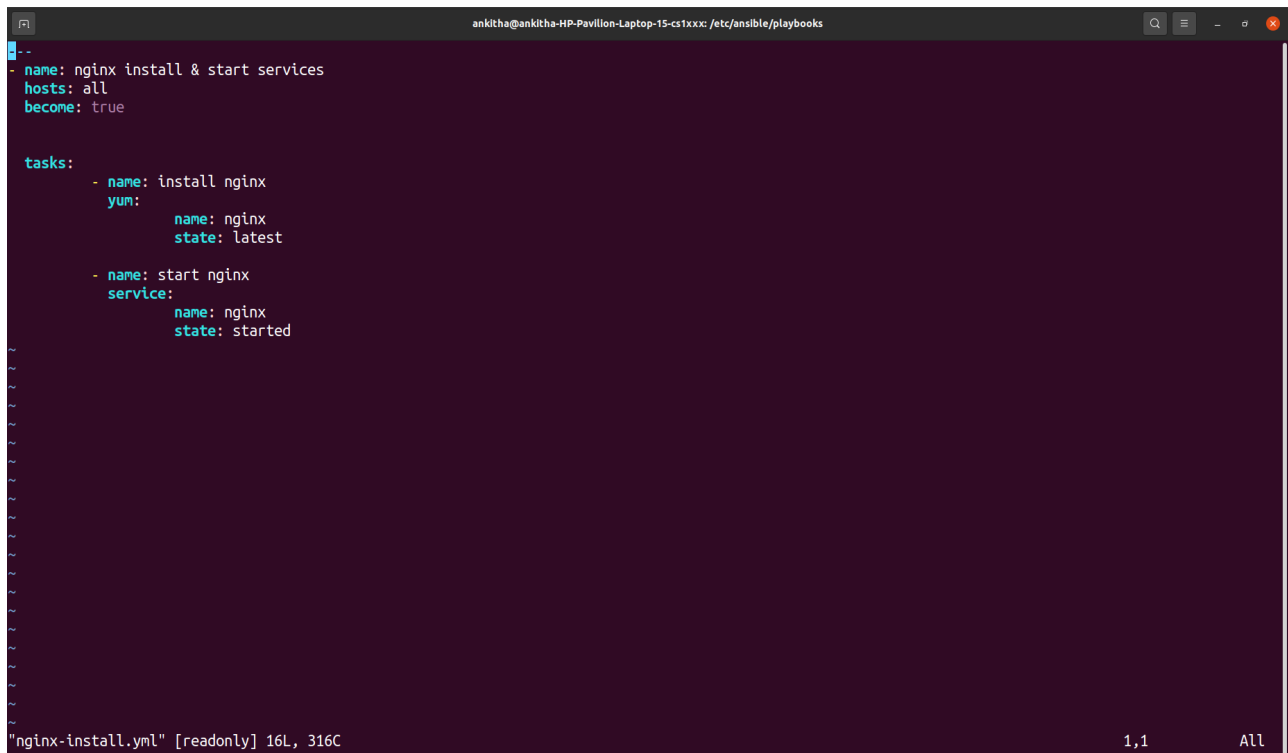
1. CREATING A PLAYBOOK YML FILE:



A terminal window with a dark purple background. The title bar shows the user 'ankitha' and the path '/etc/ansible/playbooks'. The prompt is 'ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~\$'. The user enters 'cd /etc/ansible/' and the prompt changes to 'ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible\$'. Then, the user enters 'sudo vi nginx-install.yml' and the prompt changes to 'ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible/playbooks\$'.

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:~$ cd /etc/ansible/
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible$ sudo vi nginx-install.yml
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible/playbooks$
```

2. WRITING INSIDE THE PLAYBOOK TO INSTALL NGINX:



A terminal window with a dark purple background. The title bar shows the user 'ankitha' and the path '/etc/ansible/playbooks'. The prompt is 'ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible/playbooks\$'. The user has entered the following YAML content into the file 'nginx-install.yml':

```
--
- name: nginx install & start services
  hosts: all
  become: true

  tasks:
    - name: install nginx
      yum:
        name: nginx
        state: latest

    - name: start nginx
      service:
        name: nginx
        state: started
```

The terminal shows the file content with line numbers 1 through 16 on the left margin. At the bottom, it says '"nginx-install.yml" [readonly] 16L, 316C' and '1,1 All'.

3. UBUNTU EC2 INSTANCE ON AWS TO CHECK NGINX INSTALLED OR NOT:

```
buntu@ip-172-31-43-142:~$ ps -ef | grep nginx
oot      4808      4772  0 16:36 pts/0    00:00:00 sudo vi nginx-install.yml
oot      4809      4808  0 16:36 pts/0    00:00:00 vi nginx-install.yml
buntu    6341      5397  0 17:51 pts/1    00:00:00 grep --color=auto nginx
buntu@ip-172-31-43-142:~$
```

4. INVENTORY FILE:

Creating a host file and inserting the server ip address in the host file

Command → cat hosts

The below is the IP address of the server:

```
ankitha@ankitha-HP-Pavilion-Laptop-15-cs1xxx:/etc/ansible/playbooks$ cat hosts
172.31.43.142
```

5. INSTALLING NGINX:

```
[ansadmin@ansible-control-node playbooks]$ ansible-playbook -i hosts nginx-install.yml

PLAY [nginx install & start services] *****

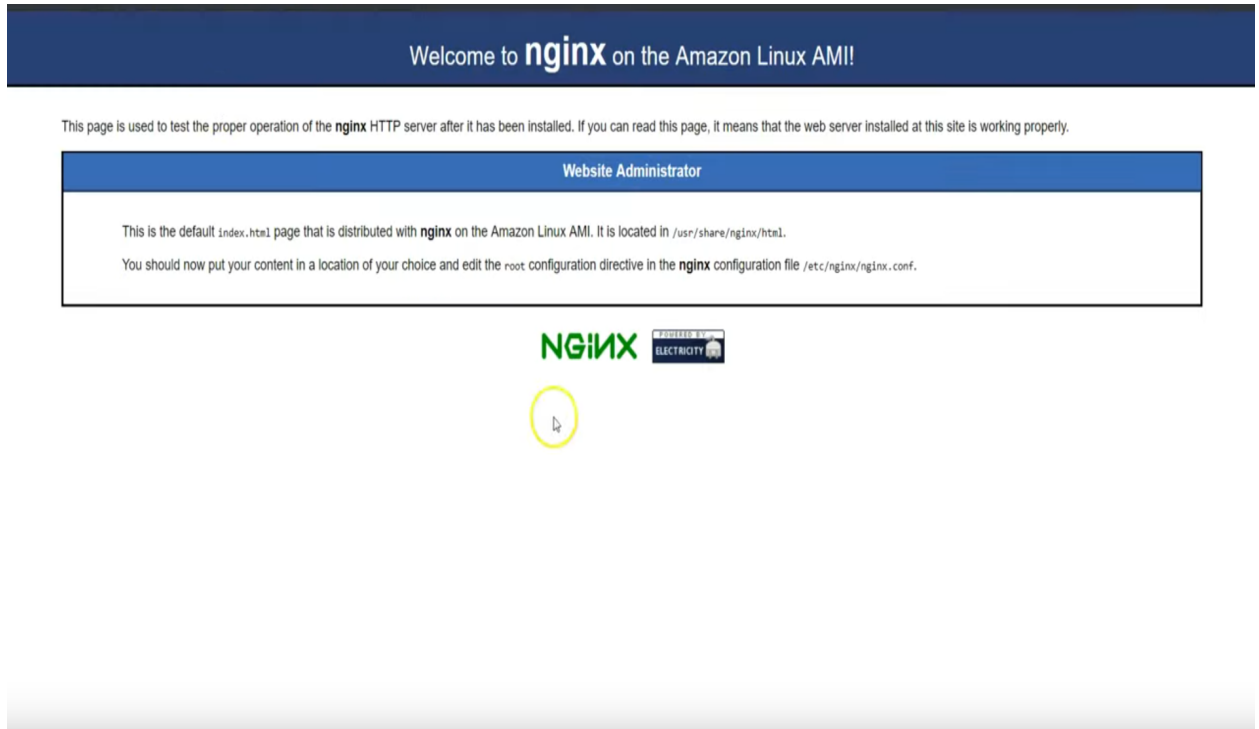
TASK [Gathering Facts] *****
ok: [172.31.29.81]

TASK [install nginx] *****
changed: [172.31.29.81]

TASK [start nginx] *****
changed: [172.31.29.81]

PLAY RECAP *****
172.31.29.81 : ok=3  changed=2  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
```

6. ACCESSING NGINX:



ASSIGNMENT -2

ANSIBLE PLAYBOOK EXERCISE

ROLL NO - 18BCS008 (ANKITHA S MADANBHAVI)
18BCS009 (ANUJ C SHIRAGAVE)