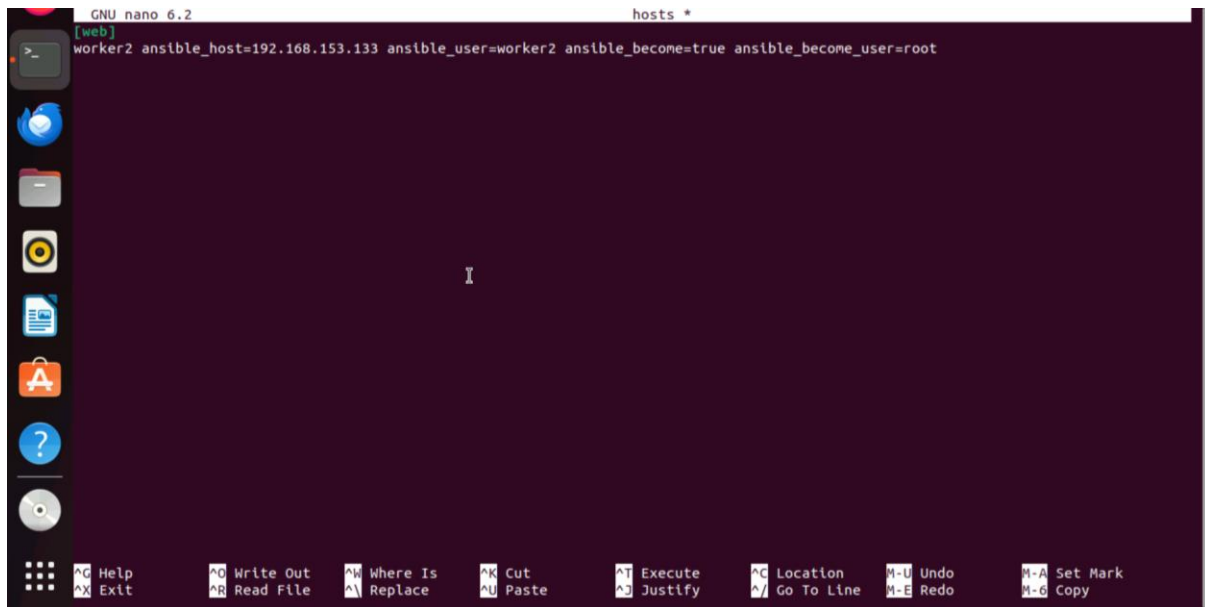


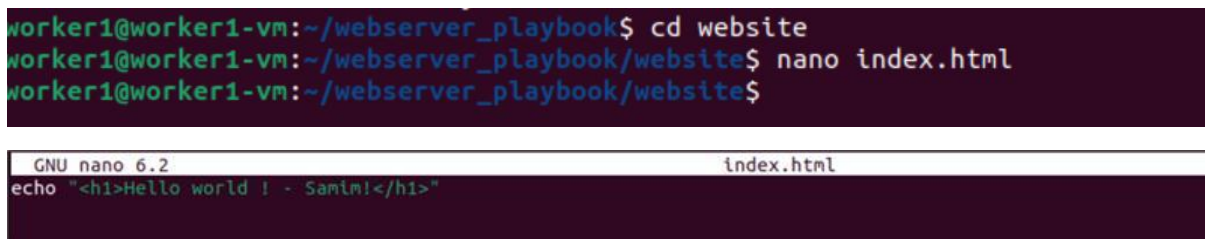
Q4 ANSIBLE ABDUL SAMIM

Inventory file



```
GNU nano 6.2 hosts *
[web]
worker2 ansible_host=192.168.153.133 ansible_user=worker2 ansible_become=true ansible_become_user=root
```

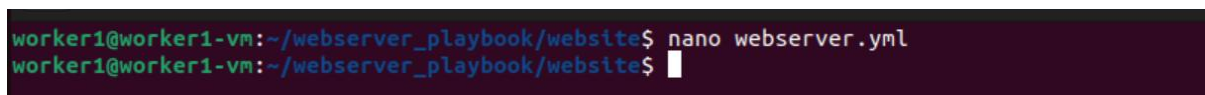
Website file



```
worker1@worker1-vm:~/webserver_playbook$ cd website
worker1@worker1-vm:~/webserver_playbook/website$ nano index.html
worker1@worker1-vm:~/webserver_playbook/website$
```

```
GNU nano 6.2 index.html
echo "<h1>Hello world ! - Samim!</h1>"
```

Create Playbook



```
worker1@worker1-vm:~/webserver_playbook/website$ nano webserver.yml
worker1@worker1-vm:~/webserver_playbook/website$
```

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```
GNU nano 6.2 webserver.yml *
--
- name: Setup web server on remote host
  hosts: web
  become: true
  tasks:
    - name: Install Apache on Ubuntu
      apt:
        name: apache2
        state: present
        when: ansible_os_family == "Debian"

    - name: Install httpd on RedHat
      yum:
        name: httpd
        state: present
        when: ansible_os_family == "RedHat"

    - name: Copy website content
      copy:
        src: website/index.html
        dest: /var/www/html/index.html
        mode: '0644'

    - name: Start and enable apache2 on Ubuntu
      service:
        name: apache2
        state: started
        enabled: true
        when: ansible_os_family == "Debian"

    - name: Start and enable httpd on RedHat
```

Run playbook

```
worker1@worker1-vm: ~/webserver_playbook$ ansible-playbook -i hosts webserver.yml --ask-become-pass
BECOME password:

PLAY [Setup web server on remote host] *****
TASK [Gathering Facts] *****
ok: [worker2]

TASK [Install Apache on Ubuntu] *****
ok: [worker2]

TASK [Install httpd on RedHat] *****
skipping: [worker2]

TASK [Copy website content] *****
changed: [worker2]

TASK [Start and enable apache2 on Ubuntu] *****
ok: [worker2]

TASK [Start and enable httpd on RedHat] *****
skipping: [worker2]

PLAY RECAP *****
worker2                : ok=4    changed=1    unreachable=0    failed=0    skipped=2    rescued=0    ignored=0

worker1@worker1-vm: ~/webserver_playbook$
```

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Output:

