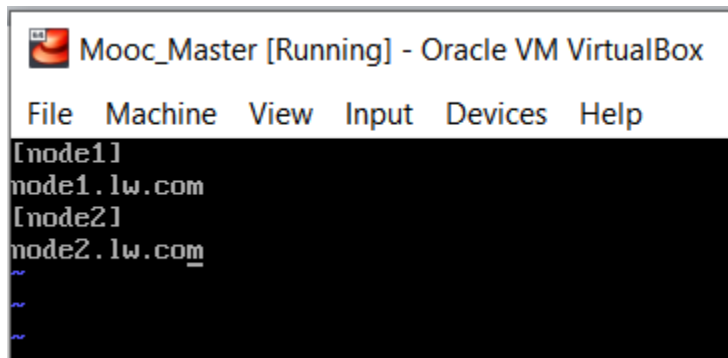# Task 1

Install the packages using different approaches as roles or variables or simple loop or anything And discuss or ask which one should use,

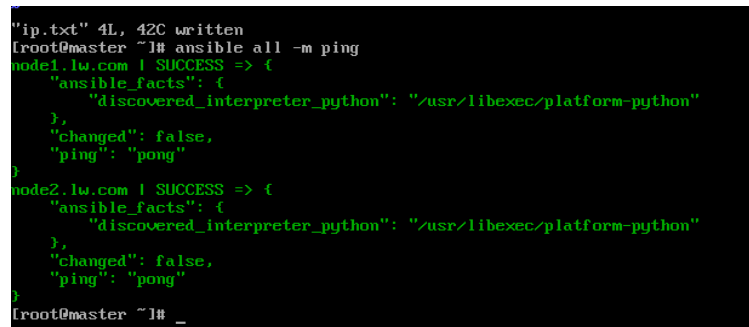- net-tools

- python3

- firefox

- vsftpd

Solution:

Setting up the inventory

```
Mooc_Master [Running] - Oracle VM VirtualBox
File   Machine   View   Input   Devices   Help
[node1]
node1.lw.com
[node2]
node2.lw.com
~
~
~
```

Checking for the connection

```
"ip.txt" 4L, 42C written
[root@master ~]# ansible all -m ping
node1.lw.com | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/libexec/platform-python"
    },
    "changed": false,
    "ping": "pong"
}
node2.lw.com | SUCCESS => {
    "ansible_facts": {
        "discovered_interpreter_python": "/usr/libexec/platform-python"
    },
    "changed": false,
    "ping": "pong"
}
[root@master ~]# _
```

YAML file for installing the package:

```
- hosts: node1
  vars:
          pack:
                  - net-tools
                  - python3
                  - firefox
                  - vsftpd
  tasks:
          - name: Installing some packages
            yum:

                  name: "{{ pack }}"
                  state: present
```

Playbook runs successfully.

```
t1.yml   10L) 3700 written
[root@master mooc]# ansible-playbook t1.yml --syntax-check

playbook: t1.yml
[root@master mooc]# ansible-playbook t1.yml

PLAY [node1] ***************************************************************************

TASK [Gathering Facts] *****************************************************************
ok: [node1.lw.com]

TASK [Installing some packages] ********************************************************
ok: [node1.lw.com]

PLAY RECAP *****************************************************************************
node1.lw.com               : ok=2    changed=0    unreachable=0    failed=0    skipped=0    rescued=
0    ignored=0
```