//github repo

Everything is in the repo for ansible roles

ansible -i hosts all -m ping

ansible-galaxy init roles/webserver

ansible-playbook -i hosts site.yaml -bK

https://github.com/AkashChand6n/exam_devops/tree/main/ansible_role


```
akash@master-vm:~/exam_devops/ansible_role$ tree
├── ansible.cfg
├── group_vars
│   └── all
│       └── vault.yaml
├── hosts
├── inventory
│   ├── hosts
│   └── roles
│       └── webserver
│           ├── defaults
│           │   └── main.yml
│           ├── files
│           ├── handlers
│           │   └── main.yml
│           ├── meta
│           │   └── main.yml
│           ├── README.md
│           ├── tasks
│           │   └── main.yml
│           ├── templates
│           ├── tests
│           │   ├── inventory
│           │   └── test.yml
│           └── vars
│               └── main.yml
├── roles
│   └── webserver
│       ├── defaults
│       │   └── main.yaml
│       ├── handlers
│       │   └── main.yaml
│       ├── meta
│       │   └── main.yaml
│       ├── nginx.conf.j2
│       ├── tasks
│       │   └── main.yaml
│       └── templates
│           └── index.html.j2
└── site.yaml

20 directories, 19 files
akash@master-vm:~/exam_devops/ansible_role$
```

```
akash@master-vm:~/exam_devops/ansible_role$ ansible-playbook -i hosts site.yaml -bK
BECOME password:

PLAY [Configure web server] ***********************************************************************************************************

TASK [Gathering Facts] ****************************************************************************************************************
[WARNING]: Platform linux on host 192.168.153.128 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
ok: [192.168.153.128]
[WARNING]: Platform linux on host 192.168.153.132 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
ok: [192.168.153.132]
[WARNING]: Platform linux on host 192.168.153.133 is using the discovered Python interpreter at /usr/bin/python3.10, but future installation of another Python interpreter could
change the meaning of that path. See https://docs.ansible.com/ansible-core/2.17/reference_appendices/interpreter_discovery.html for more information.
ok: [192.168.153.133]

TASK [webserver : Install Nginx] ****************************************************************************************************
ok: [192.168.153.132]
ok: [192.168.153.133]
ok: [192.168.153.128]

TASK [webserver : Start and enable Nginx service] ***********************************************************************************
ok: [192.168.153.132]
ok: [192.168.153.128]
ok: [192.168.153.133]

PLAY RECAP ************************************************************************************************************************
192.168.153.128            : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
192.168.153.132            : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
192.168.153.133            : ok=3    changed=0    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```