Project structure

Project Structure:

```
ansible-lamp/
├── inventory.ini
├── playbook.yml
└── roles/
    ├── apache/
    │   └── tasks/main.yml
    ├── mysql/
    │   └── tasks/main.yml
    └── php/
        └── tasks/main.yml
```
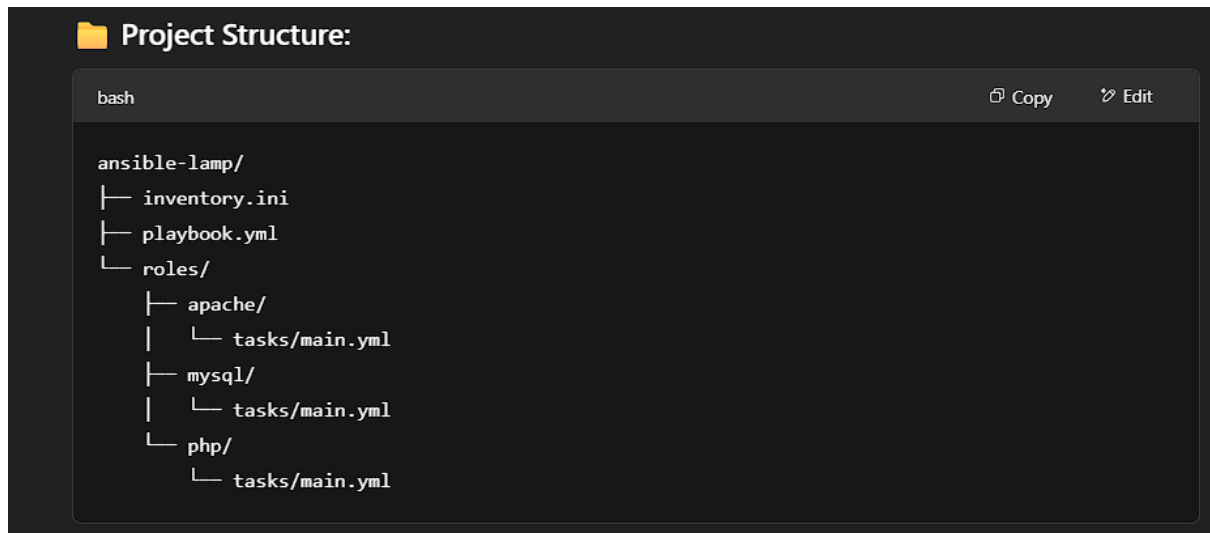
Ansible has been configured and has been running without any errors.


```
ubuntu@ip-172-31-37-98:~/ansible-lamp$ ansible-playbook -i inventory.ini playbook.yml

PLAY [Setup LAMP Stack] ******************************************************************************************************

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

TASK [apache : Install Apache] ***********************************************************************************************
ok: [localhost]

TASK [apache : Start and enable Apache] **************************************************************************************
ok: [localhost]

TASK [mysql : Install MySQL server] ******************************************************************************************
ok: [localhost]

TASK [mysql : Start and enable MySQL] ****************************************************************************************
ok: [localhost]

TASK [php : Install PHP and modules] *****************************************************************************************
ok: [localhost]

TASK [php : Restart Apache to load PHP] **************************************************************************************
changed: [localhost]

PLAY RECAP *******************************************************************************************************************
localhost                  : ok=7    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

Apache server starting automatically.

Mysql server starting automatically.

PHP webpage

Commands:

ansible-playbook -i inventory.ini playbook.yml

sudo apt update && sudo apt install python3 -y

sudo apt update

sudo apt install ansible -y

chmod +x setup-ansible-lamp.sh

./setup-ansible-lamp.sh