

Create an Ansible role that installs Python3 and deploys a custom configuration file for the application.

```
master@master-vm:~$ ansible-galaxy init python_app_deploy
- Role python_app_deploy was created successfully
master@master-vm:~$ ls
ansible-webserver  Desktop  Documents  ecommerce-webapplication  microservices  Music  Pictures  Q3  Videos
devops-commontrack-mocktest  Downloads  flask-kube  Microservices  nginx-pod.yaml  Public  Templates  webserver_setup
master@master-vm:~$ cd python_app_deploy/templates
master@master-vm:~/python_app_deploy/templates$ nano config.yml.j2
master@master-vm:~/python_app_deploy/templates$ cd ../tasks
master@master-vm:~/python_app_deploy/tasks$ nano main.yml
master@master-vm:~/python_app_deploy/tasks$ cd ../../
master@master-vm:~$ nano deploy_python_app.yml
master@master-vm:~$ nano inventory.ini
```

```
master@master-vm:~$ nano inventory.ini
master@master-vm:~$ ansible-playbook -i inventory.ini deploy_python_app.yml --ask-become-pass
BECOME password:

PLAY [Deploy Python app with config] *****

TASK [Gathering Facts] *****
ok: [192.168.147.130]
ok: [192.168.147.129]

TASK [python_app_deploy : Install Python3] *****
ok: [192.168.149.129]
ok: [192.168.147.130]

TASK [python_app_deploy : Ensure config directory exists] *****
ok: [192.168.149.129]
changed: [192.168.147.130]

TASK [python_app_deploy : Deploy config file using template] *****
ok: [192.168.149.129]
changed: [192.168.147.130]

PLAY RECAP *****
192.168.147.129 : ok=4 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
192.168.147.130 : ok=4 changed=2 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```