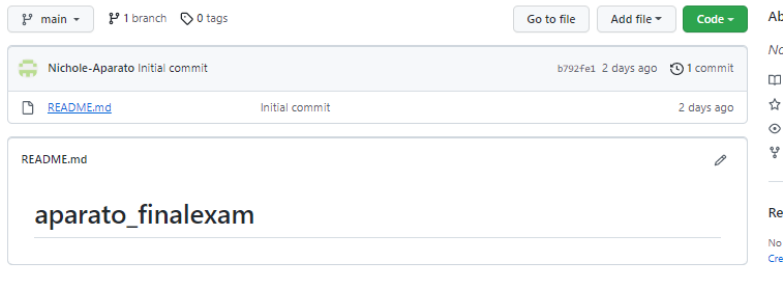


Aparato, Nichole Matthew P.

1. Create a repository and name it Surname_FinalExam.



2. Clone your new repository in your VM

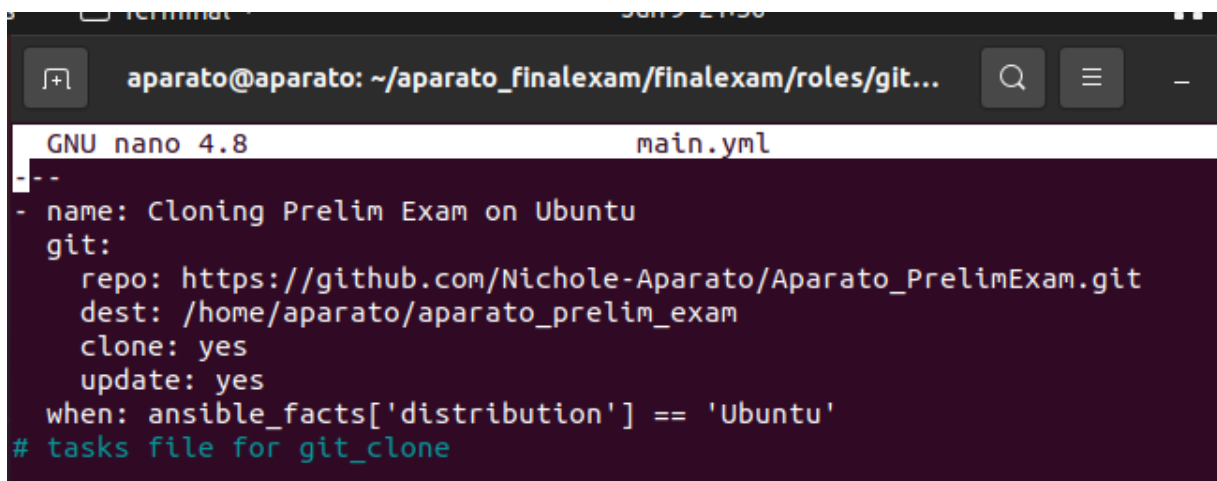
```
aparato@aparato:~$ git clone git@github.com:Nichole-Aparato/aparato_finalexam.git
Cloning into 'aparato_finalexam'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
```

3. Create an Ansible playbook that does the following with an input of a config.yaml file and structure inventory file.

```
nagios_user: aparato
nagios_password: 123

username: nichole
```

3.1 Clone your prelim exam repository



3.2 Install and configure one enterprise service that can be installed in Debian, Centos, and OpenSuse servers

```
GNU nano 4.8                                playbook.yaml
- name: aparato_finalexam
  hosts: all
  gather_facts: True

  tasks:
    - name: Clone Prelim Exam repository
      include_role:
        name: git_clone

    - name: Install and configure one enterprise service (MariaDB)
      include_role:
        name: package_ubuntu
      vars:
        url: ""
        repo: ""
        package: mariadb-server
        service: ""
        when: ansible_facts['distribution'] == 'Ubuntu'

- name: Install and configure one monitoring tool (Nagios)
  hosts: all
```

3.3 Install and configure one monitoring tool that can be installed in Debian, Centos, and OpenSuse servers (if it is a stack there should be the option of a different host)

```
name: Install and configure one monitoring tool (Nagios)
hosts: all

tasks:
  - name: Include variable
    include_vars:
      file: config.yaml

  - name: Install nagios packages for Ubuntu
    include_role:
      name: package_ubuntu
    vars:
      url: ""
      repo: ""
      package:
        - autoconf
```

3.4 Change Motd as "Ansible Managed by <username>"

```
- name: Change MOTD
  hosts: all

  tasks:
    - name: Include variable
      include_vars:
        file: config.yaml

    - name: Changing MOTD on Ubuntu
      include_role:
        name: motd
      when: ansible_facts['distribution'] == 'Ubuntu'
```

4. push and commit your final-exam branch in the VM

```
aparato@aparato:~/aparato_finalexam$ git add *
aparato@aparato:~/aparato_finalexam$ git commit -m "finalexam"
[main a30c76d] finalexam
 40 files changed, 785 insertions(+)
 create mode 100644 finalexam/.gitignore
 create mode 100644 finalexam/config.yaml
 create mode 100644 finalexam/inventory
 create mode 100644 finalexam/playbook.yaml
 create mode 100644 finalexam/roles/git_clone/.travis.yml
 create mode 100644 finalexam/roles/git_clone/README.md
 create mode 100644 finalexam/roles/git_clone/defaults/main.yml
 create mode 100644 finalexam/roles/git_clone/handlers/main.yml
 create mode 100644 finalexam/roles/git_clone/meta/main.yml
 create mode 100644 finalexam/roles/git_clone/tasks/main.yml
 create mode 100644 finalexam/roles/git_clone/tests/inventory
 create mode 100644 finalexam/roles/git_clone/tests/test.yml
 create mode 100644 finalexam/roles/git_clone/vars/main.yml
 create mode 100644 finalexam/roles/motd/.travis.yml
 create mode 100644 finalexam/roles/motd/README.md
 create mode 100644 finalexam/roles/motd/defaults/main.yml
 create mode 100644 finalexam/roles/motd/handlers/main.yml
 create mode 100644 finalexam/roles/motd/meta/main.yml
 create mode 100644 finalexam/roles/motd/tasks/main.yml
 create mode 100644 finalexam/roles/motd/tests/inventory
 create mode 100644 finalexam/roles/motd/tests/test.yml
 create mode 100644 finalexam/roles/motd/vars/main.yml
 create mode 100644 finalexam/roles/nagios/.travis.yml
 create mode 100644 finalexam/roles/nagios/README.md
```

5. request a pull request from that branch on GitHub

6. For your final exam to be counted, please paste your repository link as an answer in this exam.

https://github.com/Nichole-Aparato/aparato_finalexam

7. Send your PDF report into your GitHub repository.