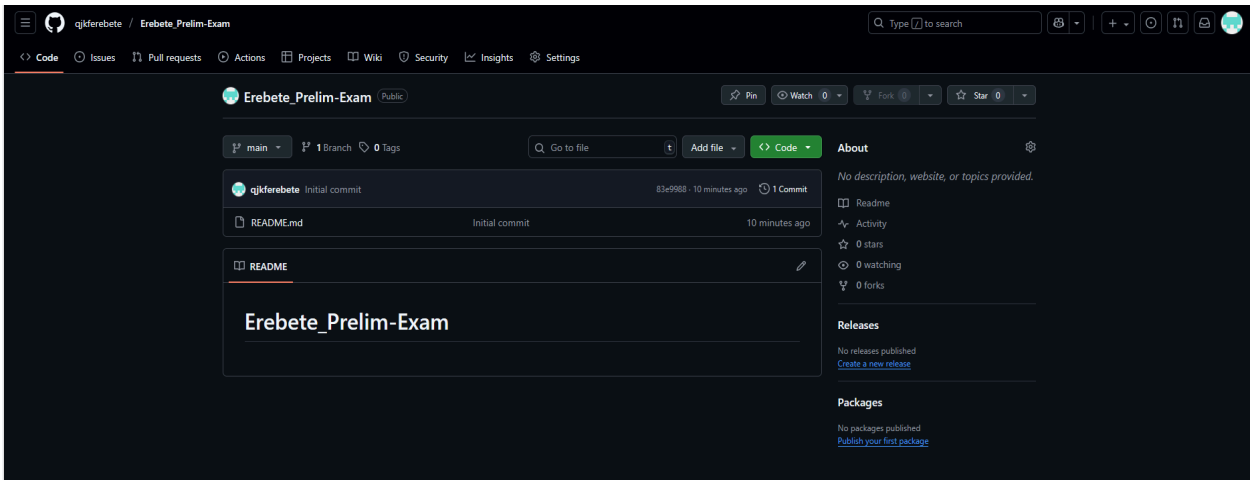
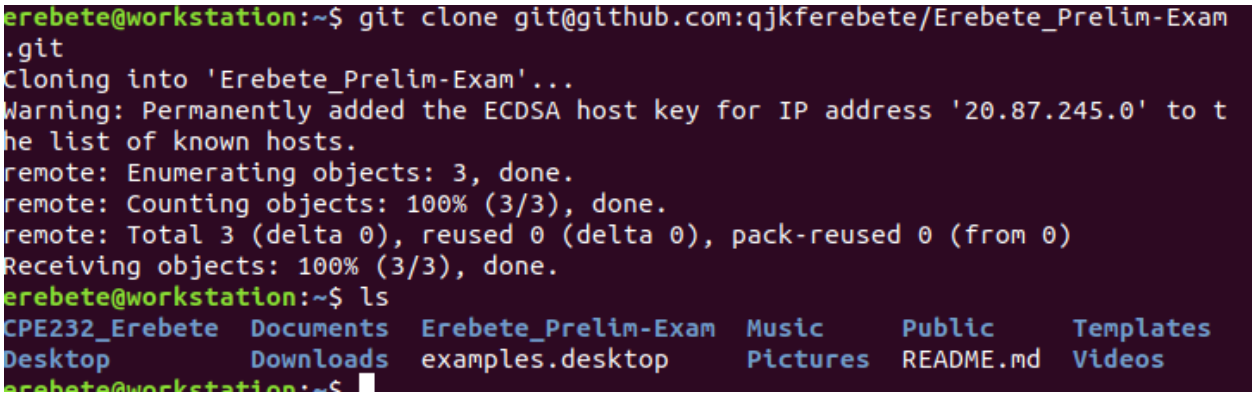
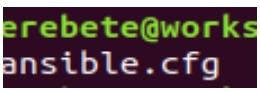
1. Note: You are required to create a document report of the steps you will do for this exam. All screenshots should be labeled and explained properly. LABELED AND EXPLAIN EACH CODE (PLAYBOOK) No explanation = Minus Points
2. Create a repository in your GitHub account and label it as Surname_PrelimExam
    - Github repository

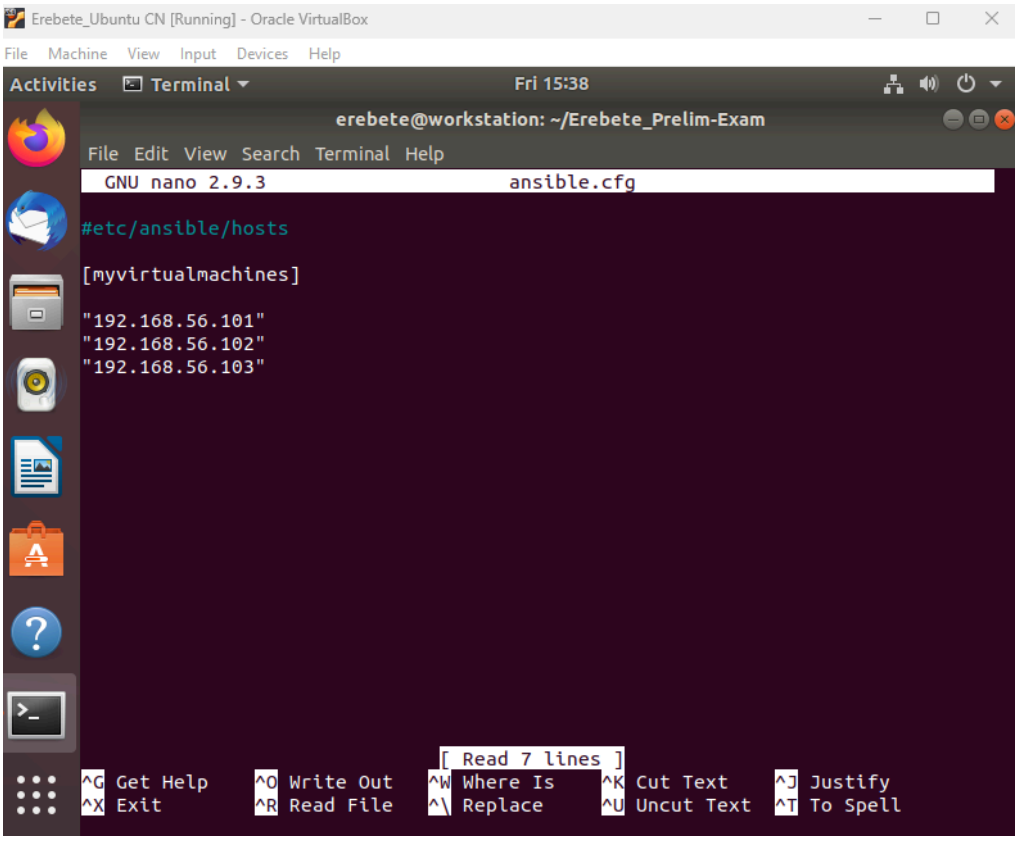


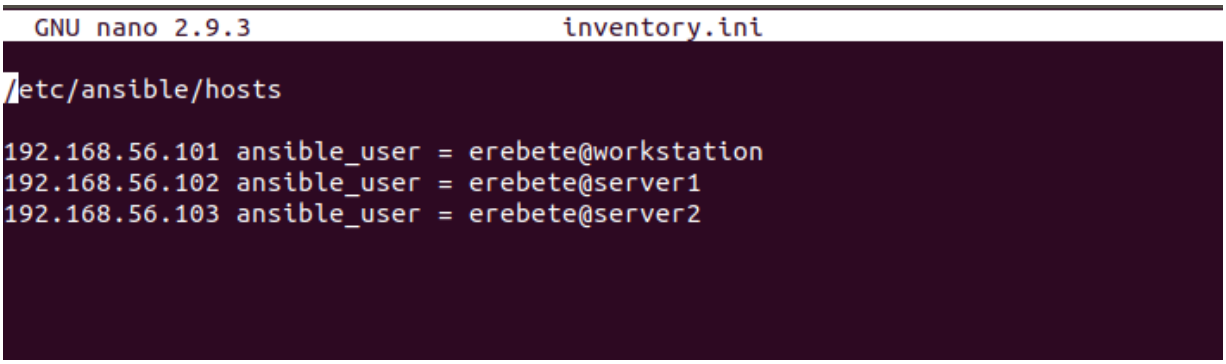
3. Clone your new repository in your CN
    - Cloning the repository from github to ubuntu control node.



4. In your CN, create an inventory file and ansible.cfg files.
    - Creating an inventory file and ansible file.







5. Create an Ansible playbook that does the following with an input of a config.yaml file for both Manage Nodes
    - Installs the latest python3 and pip3

```
task:
  name: install latest python3 and pip3
    apt:
    -name:python3
         pip3
      state:latest
        update_apache: yes
```

- This code will install the python3 and pip3 in the ansible where it will allow you to install a program on it.

- use pip3 as default pip
- use python3 as default python
- Install Java open-jdk
- Install MariaDB as well as starting the server, create a database and a table using mariaDB and input one record into a table USING ANSIBLE ONLY

```
 -name:Install Maria DB
     apt:
        Mysql Server


banner: "Ansible Managed node by Erebete"
```

- Create Motd containing the text defined by a variable defined in config.yaml file and if there is no variable input the default motd is "Ansible Managed node by (your user name)"

```
            status:update
- banner: "Ansible Managed node by Erebete"
```

- Create a user with a variable defined in config.yaml

5. PUSH and COMMIT your PrelimExam in your GitHub repo

```
erebete@workstation:~/Erebete_Prelim-Exam$ git commit -m "Prelim Exam"
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
        ansible.cfg
        config.yaml
        inventory.ini
        inventory.yaml

nothing added to commit but untracked files present
```

```
erebete@workstation:~/Erebete_Prelim-Exam$ git push origin main
Everything up-to-date
```

6. Your document report should be submitted here.

7. For your prelim exam to be counted, please paste your repository link here. (Failure to submit will result in ZERO)

Github

8. NO USE OF EXTERNAL WEBSITES SUCH AS , REDDIT, CHATGPT, GITHUB, GEMINI, CLAUDE, FORUMS, AND DOCUMENTATIONS. FAILURE TO COMPLY WITH RESULT IN ZERO.