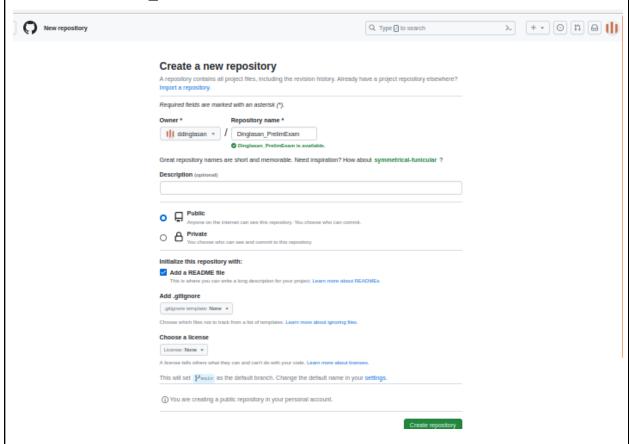
Preliminary Skills Examination					
Denzel Dinglasan	Program: Computer Engineering (BSCPE)				
	25/09/2023				
Course Code: CPE232	Dr. Jonathan Vidal Taylar				

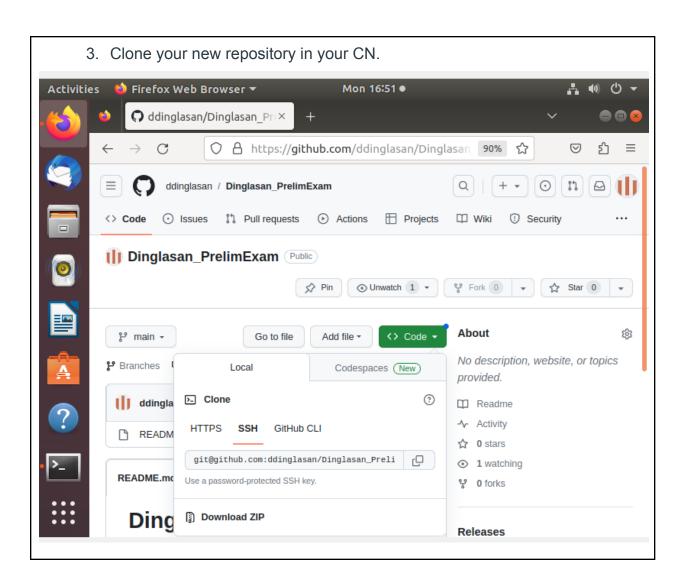
## **Tools Needed:**

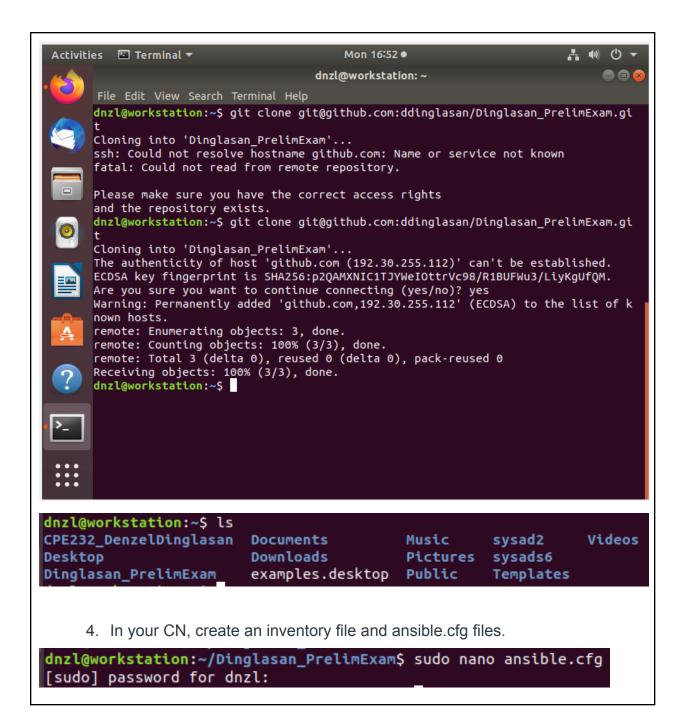
- 1. Control Node (CN) 1
- 2. Manage Node (MN) 1 Ubuntu
- 3. Manage Node (MN) 1 CentOS

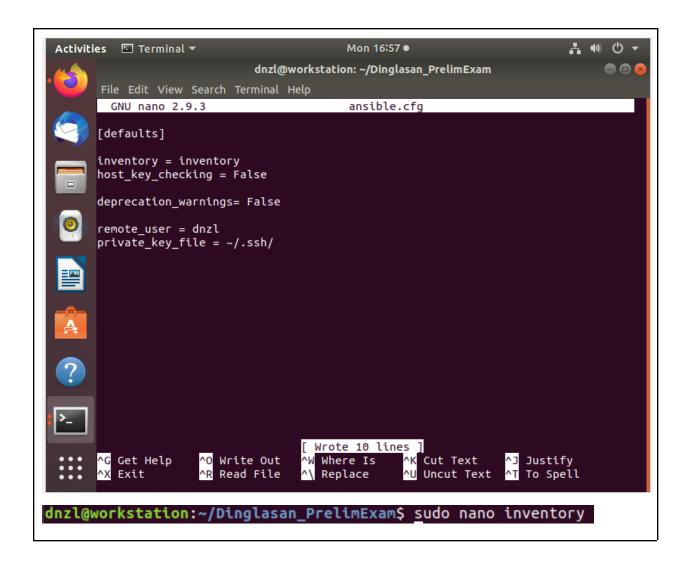
## Procedure:

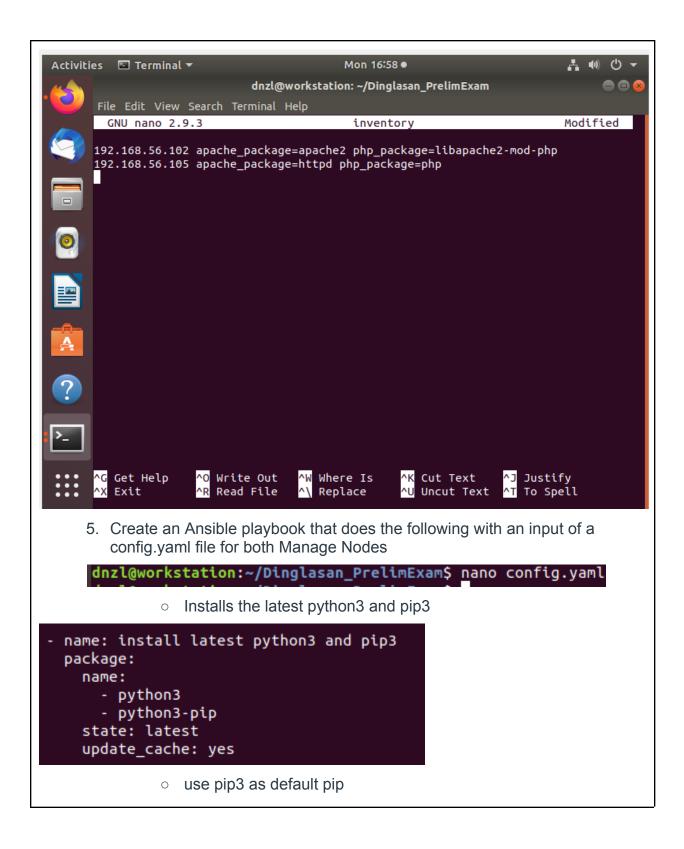
- 1. Note: You are required to create a document report of the steps you will do for this exam. All screenshots should be labeled and explained properly.
- 2. Create a repository in your GitHub account and label it as Surname\_PrelimExam











name: make pip3 as default pip ubuntu become: yes command: ln -sf /usr/bin/pip3 /usr/bin/pip when: ansible\_distribution == 'Ubuntu'
 name: make pip3 as default pip CentOS become: yes command: ln -sf /usr/bin/pip3 /usr/bin/pip when: ansible\_distribution == 'CentOS'

use python3 as default python

name: make python3 as default python ubuntu become: yes command: ln -sf /usr/bin/python3 /usr/bin/python when: ansible\_distribution == 'Ubuntu'
 name: make python3 as default python CentOS become: yes command: ln -sf /usr/bin/python3 /usr/bin/python when: ansible\_distribution == 'CentOS'

o Install Java open-jdk

name: install java open-jdk ubuntu apt:
 name: openjdk-17-jdk
 state: latest
 when: ansible\_distribution == 'Ubuntu'
 name: install java open-jdk CentOS
 dnf:
 name: java-17-openjdk
 state: latest
 update\_cache: yes
 when: ansible\_distribution == 'CentOS'

 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)"

```
vars:
    motd: Ansible Managed Node by Dnzl
tasks:
- name: Banner MOTD
    ansible.builtin.debug:
    msg: "{{ motd }}"
```

Create a user with a variable defined in config.yaml

5. PUSH and COMMIT your PrelimExam in your GitHub repo

```
dnzl@workstation:~/Dinglasan_PrelimExam$ git add *
dnzl@workstation:~/Dinglasan_PrelimExam$ git commit -m "Prelims lmao"
[main 1c99f9d] Prelims lmao
4 files changed, 110 insertions(+)
create mode 100644 ansible.cfg
create mode 100644 config.yaml
create mode 100644 config.yml
create mode 100644 inventory
dnzl@workstation:~/Dinglasan PrelimExam$ git push origin
Counting objects: 6, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 1.29 KiB | 1.29 MiB/s, done.
Total 6 (delta 0), reused 0 (delta 0)
To github.com:ddinglasan/Dinglasan_PrelimExam.git
   9e95383..1c99f9d main -> main
```

6. Your document report should be submitted here.

7. For your prelim exam to be counted, please paste your repository link here. https://github.com/ddinglasan/Dinglasan\_PrelimExam.git

## 3. Assessment

Criteria	Ratings												
T.I.P. SO 7.1  Acquire and apply new knowledge from outside sources threshold: 4.2 pts	[Excellent] Educational interests and pursuits exist and flourish outside pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently an		5 pts [Good] Educational interests and pursuits exist and flourish outside classroom requirements,knowledge and/or experiences are pursued independently		sts and [Sa loutside be nowledge red ursued int	4 pts [Satisfactory] Look beyond classroom requirements, showing interest in pursuing knowledge independently		3 pts [Unsatisfactory] Begins to look beyond classroom requirements, showing interest in pursuing knowledge independently		2 pts [Poor] Relies on classroom instruction only		1 pts [Very Poor ] No initiative or interest in acquiring new knowledge	
T.I.P. SO 7.2 Learn independently threshold: 4.2 pts	IExcellent] Completes an assigned task independently and practices continuous improvement  T.I.P. SO 7.3  6 pts [Excellent] Synthesizes and integrates information from a variety of sources; formulates a clear and precise perspective; draws appropriate conclusions		d task without mir		pts atisfactory] Requires inimal guidance to omplete an assigned tasl		atisfactory] Req led or step-by-s uctions to comp	tep	2 pts [Poor] Shows little interest to complete a task independently		1 pts [Very Poor ] No inter to complete a task independently		
T.I.P. SO 7.3  Critical thinking in the broadest context of technological change threshold: 4.2 pts			d] Evaluate [Satisfactory] Analimation from a variety urces; formulates a and precise [Satisfactory] Analimformation from a of sources; formulates a clear and precise			a variety the gathered informa		information	rmation summarized the		1 pts [Very Poor] Gathe information from a variety of sources		
© T.I.P. SO 7.4  Creativity and adaptability to new and emerging technologies threshold: 4.2 pts  © the design of		[G n an kn	5 pts [Good] Ideas are creath and adapt the new knowledge to solve a problem or address an i		creative in solv		olving a some crea		2 pts [Poor] Show and attempt creative idea the problem	to develop as to solve	[Ver	1 pts [Very Poor ] Ideas are copied or restated from the sources consulted	