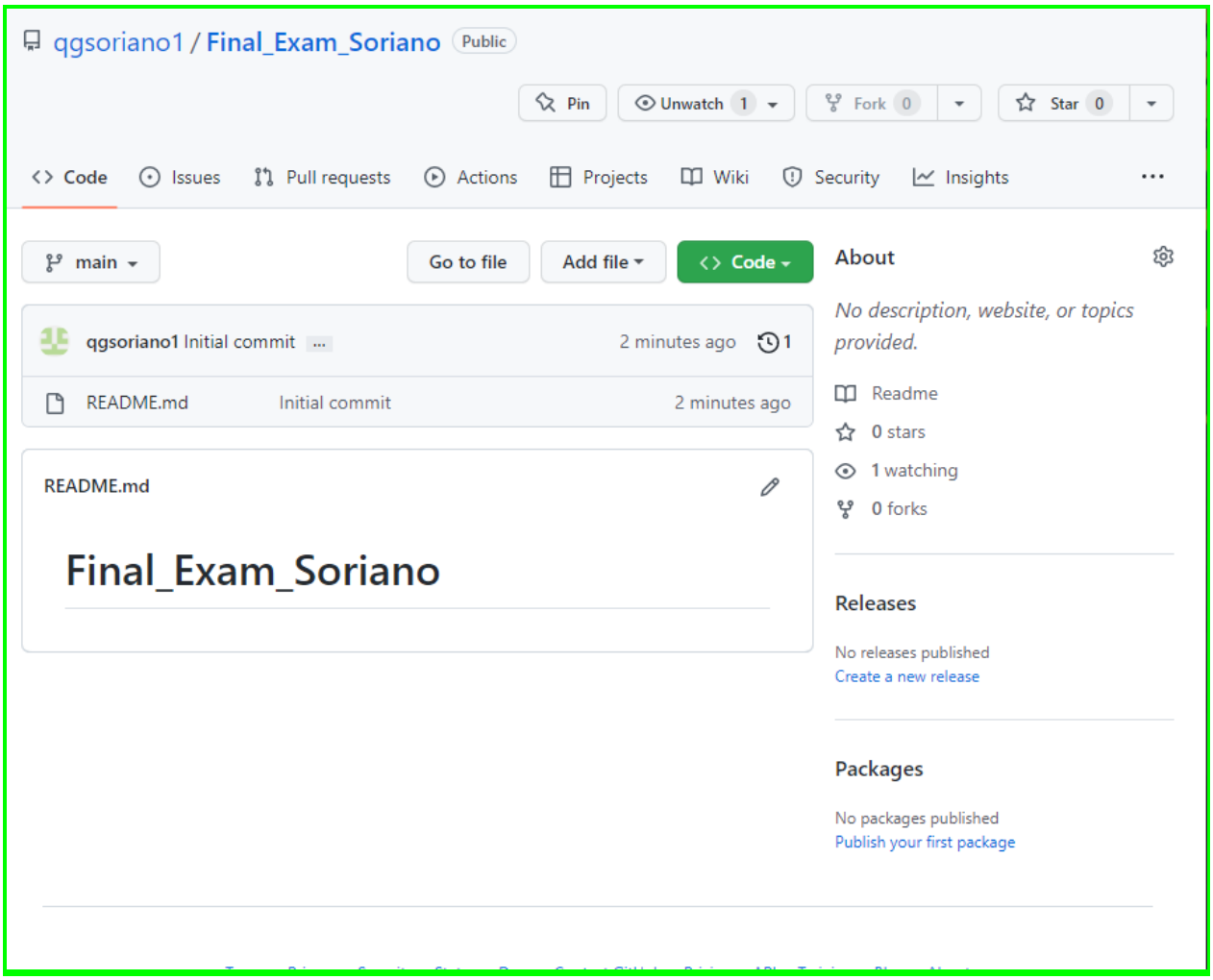
GABRIEL SORIANO
FINAL EXAM
DECEMBER 15, 2022

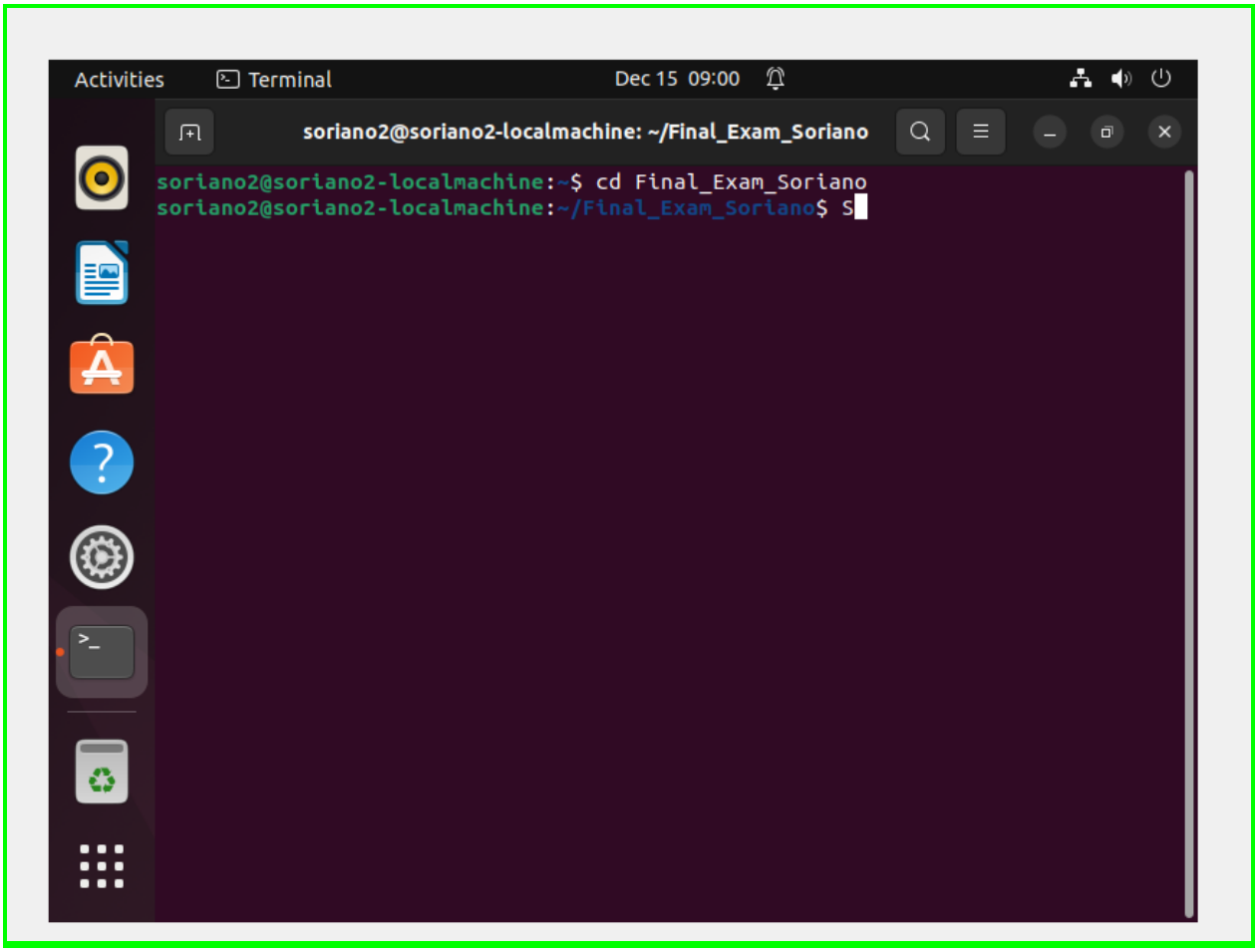
Tools Needed:
1. VM with Ubuntu, CentOS and Ansible installed 2. Web browser
Procedure:
1. Create a repository and label it as "Final_Exam_Surname" **DONE** 2. Clone your new repository in your VM **DONE** 3. Create an Ansible playbook that does the following with an input of a config.yaml file and structure inventory file. **DONE** 3.1 Install and configure one enterprise service that can be installed in Debian and Centos servers **DONE** 3.2 Install and configure one monitoring tool that can be installed in Debian and Centos servers (if it is a stack there should be option of different host) **DONE** 4.4 Change Motd as "Ansible Managed by <username>" **DONE** 4. Push and commit your files in GitHub 5. Make sure to show evidence of input (codes) process (codes successfully running) and output (evidence of installation). Create a word document report for this final exam. For your final exam to be counted, please paste your repository link as an answer in your report. No point will be given if you forgot to paste your repo link. **DONE** Note: Extra points if you will implement the said services via containerization.

REPOSITORY LINKS:
https://github.com/qgsoriano1/Final_Exam_Soriano.git
git@github.com:**qgsoriano1/Final_Exam_Soriano.git**
gh repo clone qgsoriano1/Final_Exam_Soriano

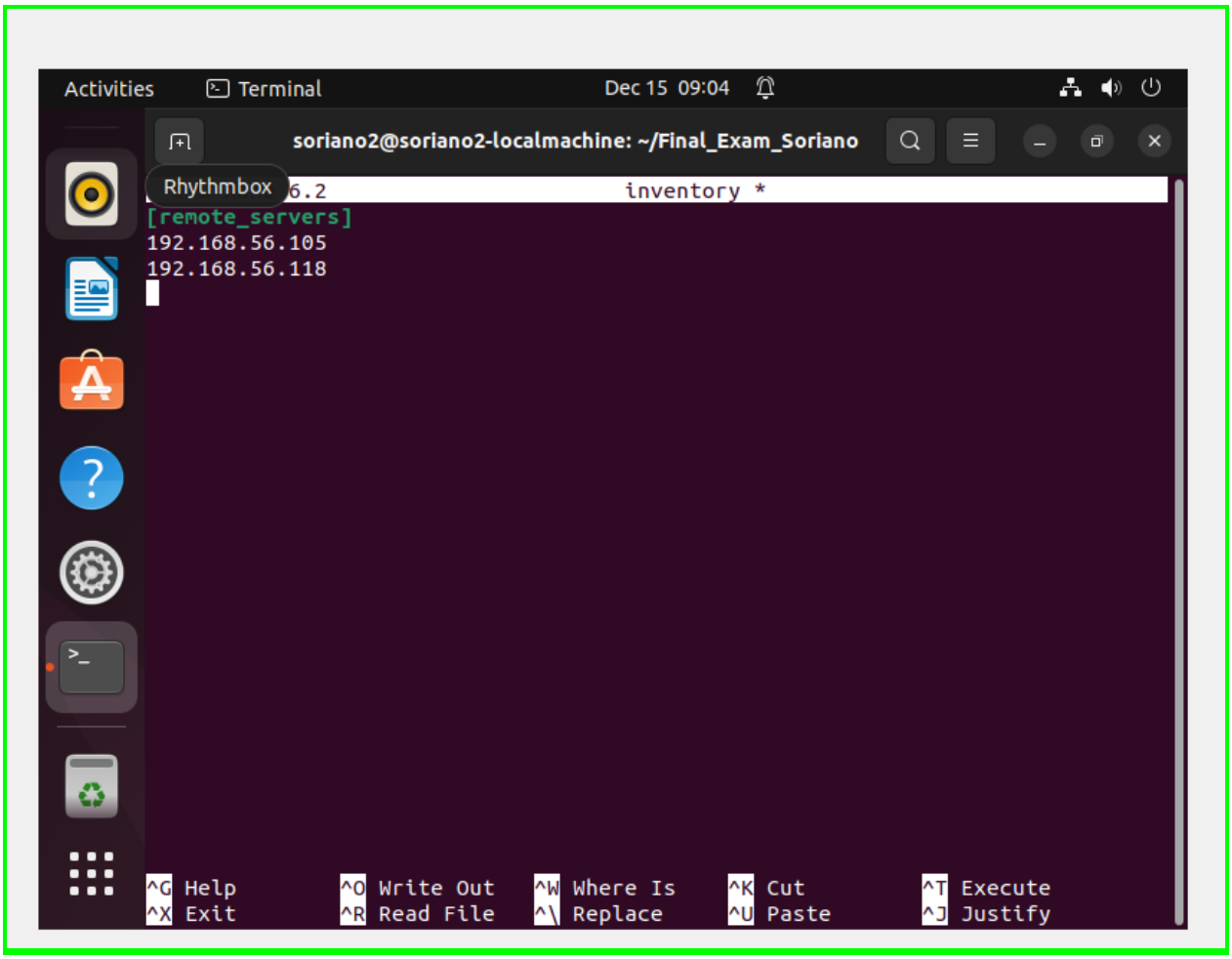
SCREENSHOTS:



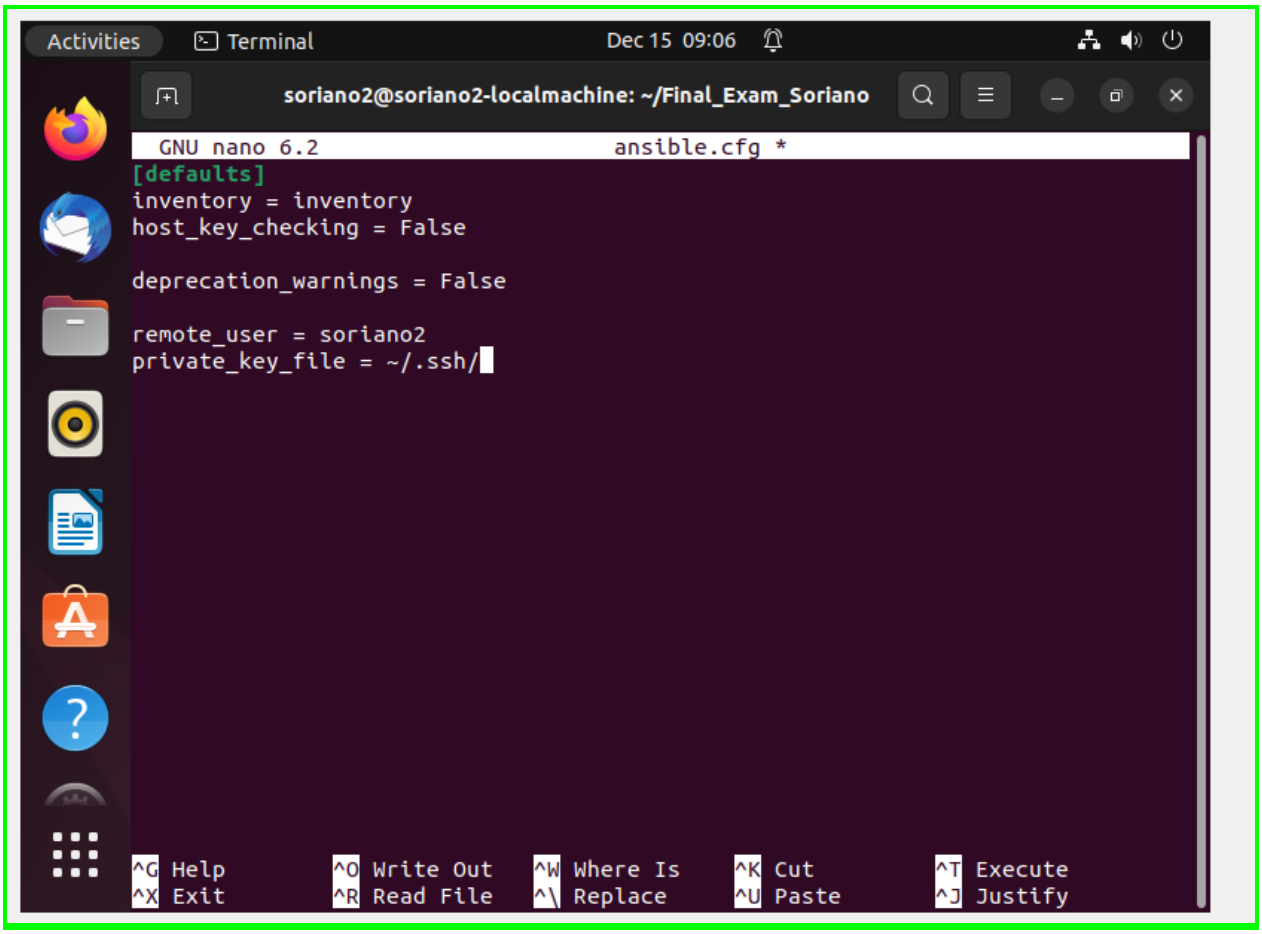
- **This shows the successful creation of the github repository.**



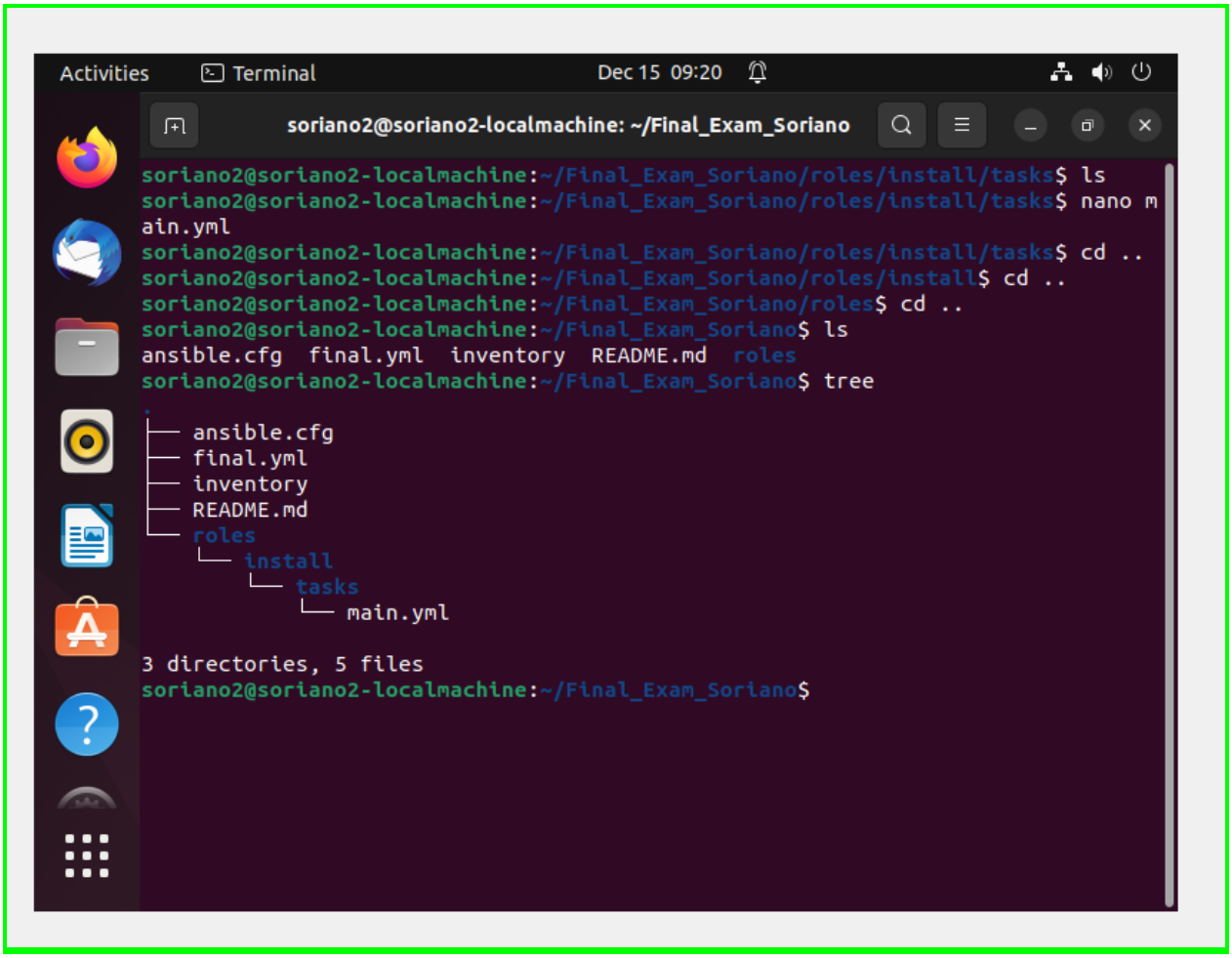
- **This shows the successful git cloning of the created repository named Final_Exam_Soriano**



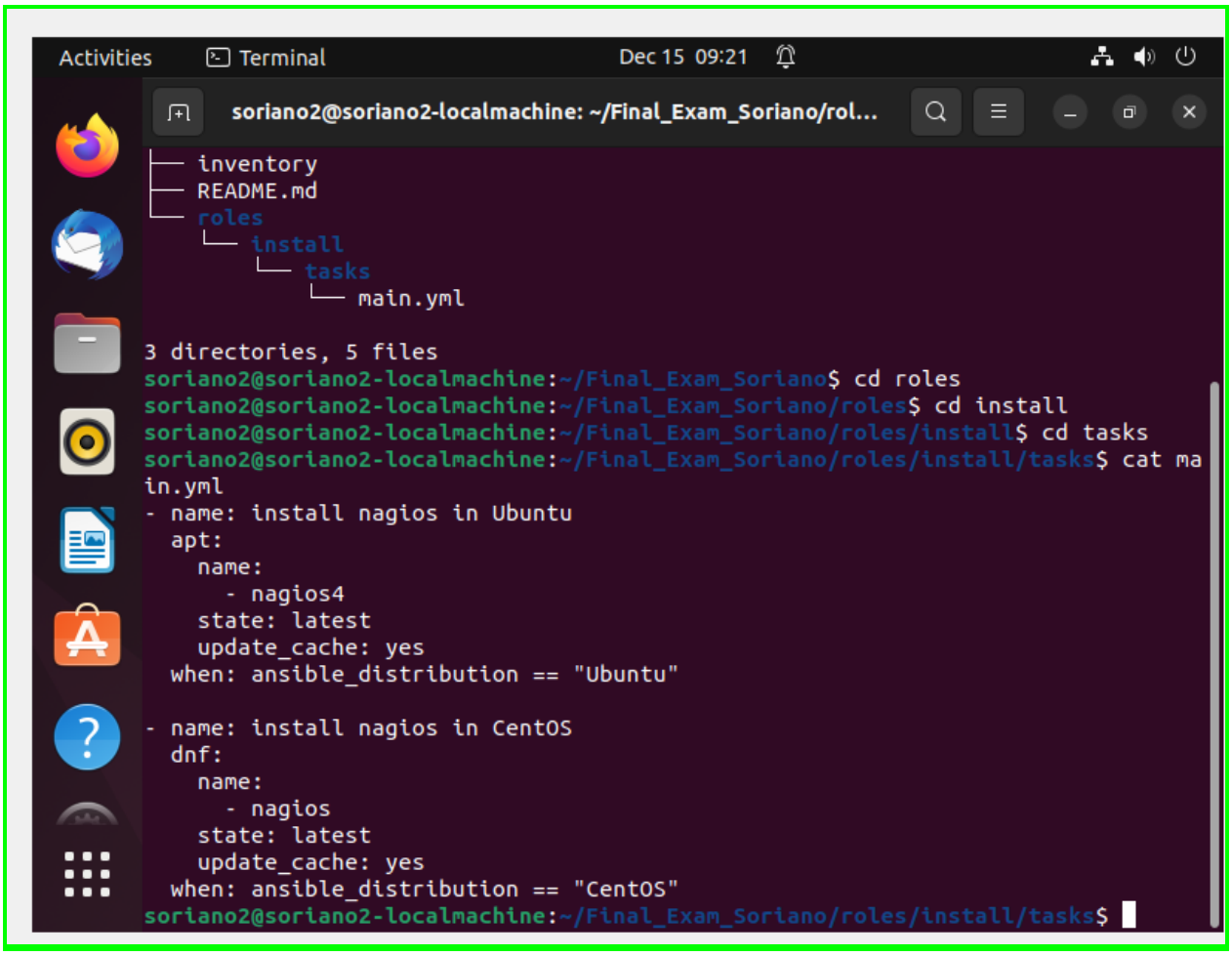
- **This shows the creation of an inventory file.**



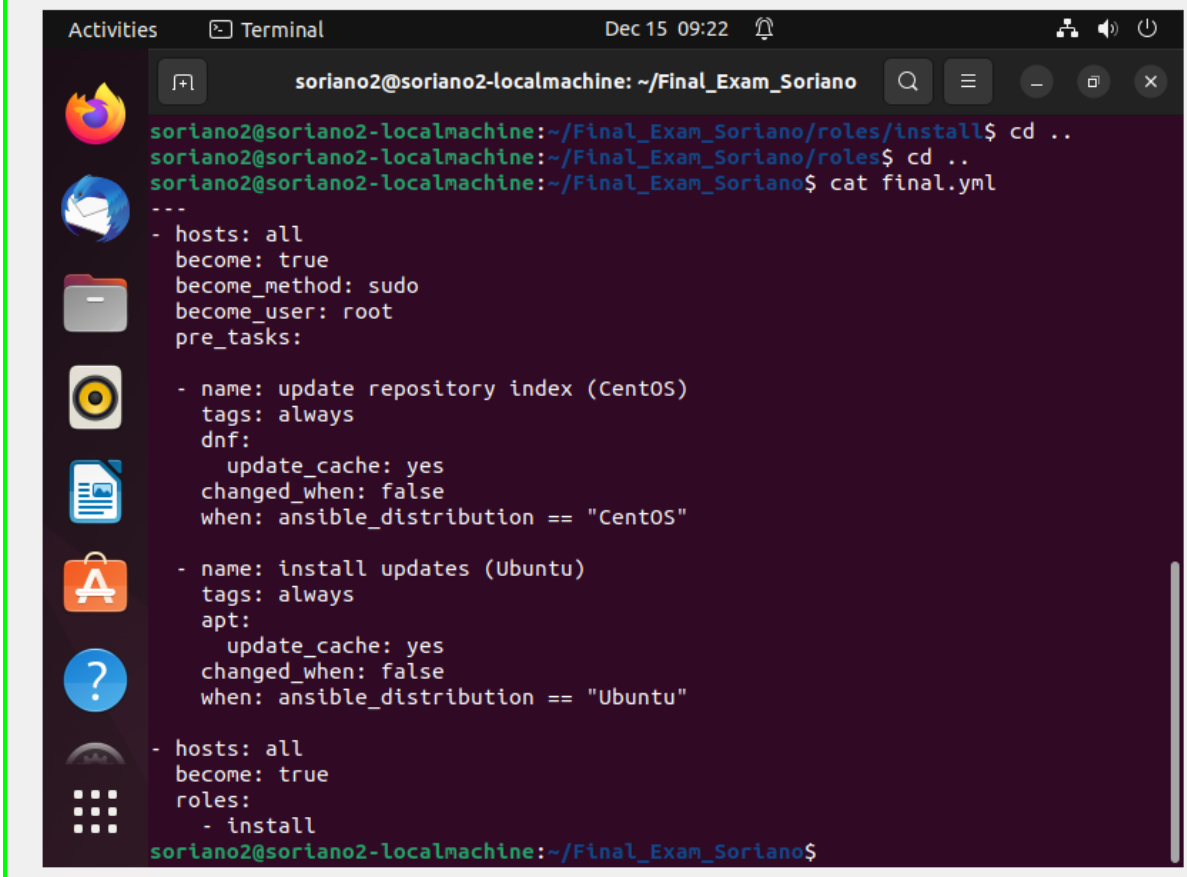
- **This shows the creation of the ansible.cfg file**



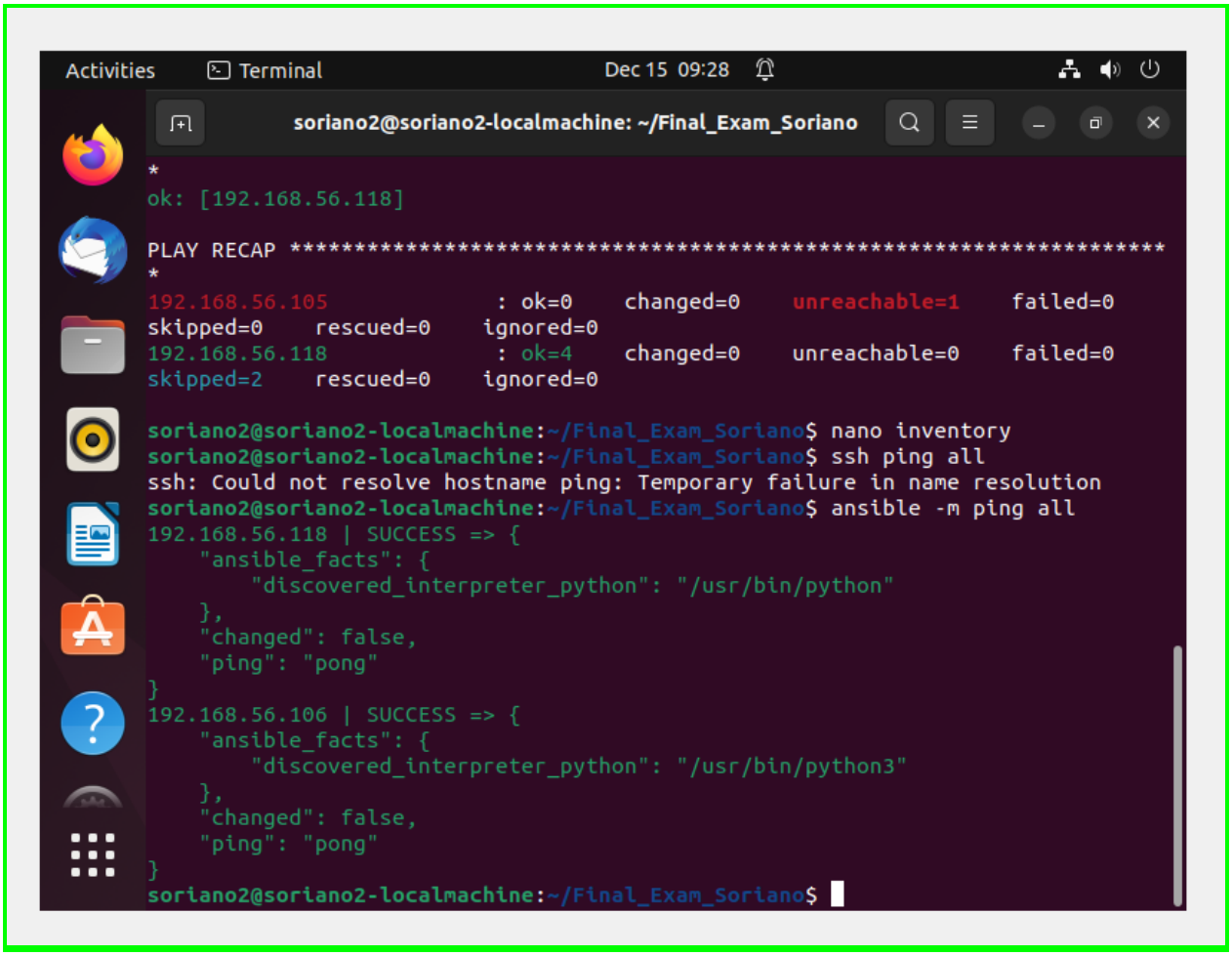
- **This shows all of the created files and directories for this examination. roles/install/tasks directories are created, and the tasks directory contains the main.yml**



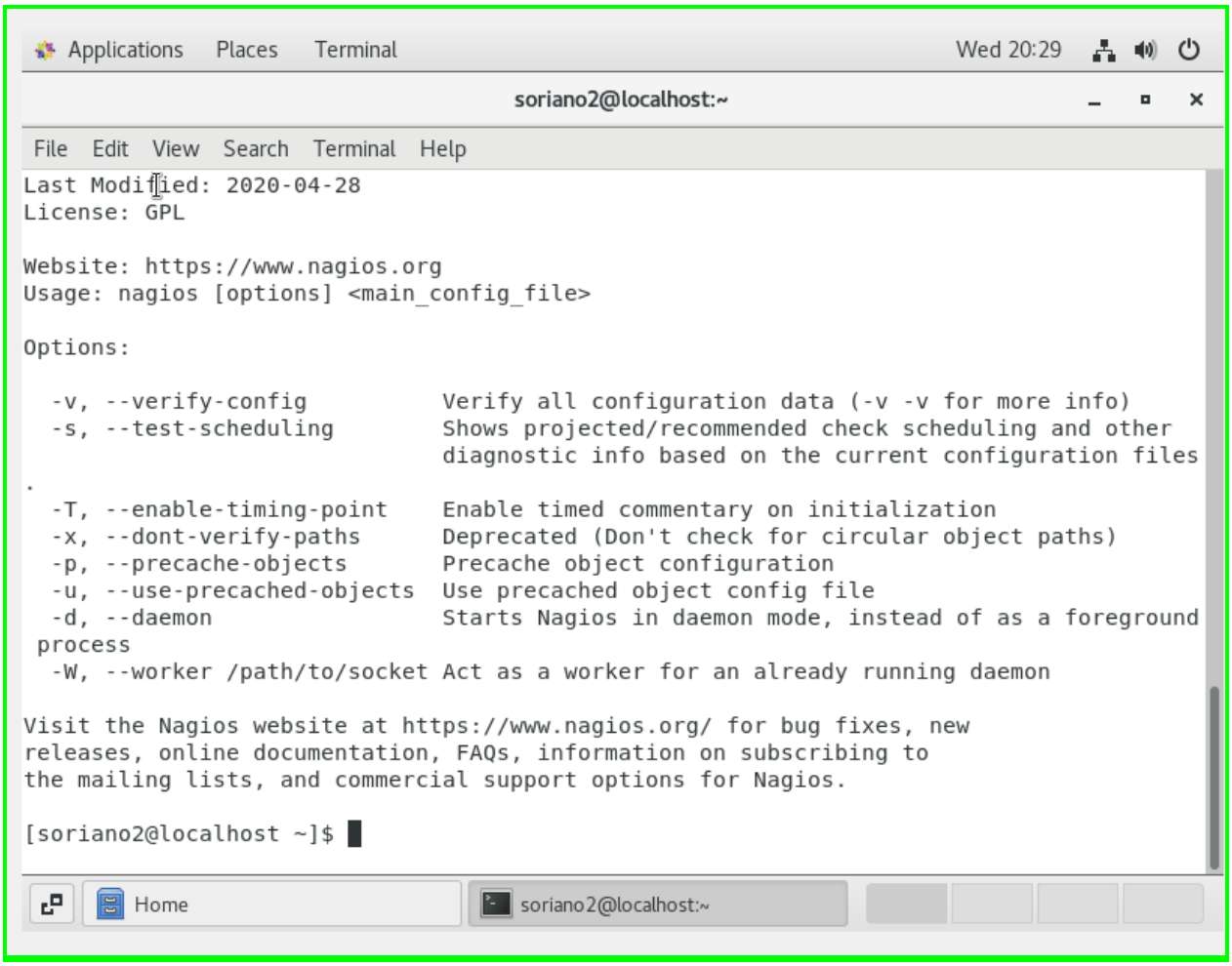
- **This shows the content of the main.yml file, this is accompanied with the final.yml file**



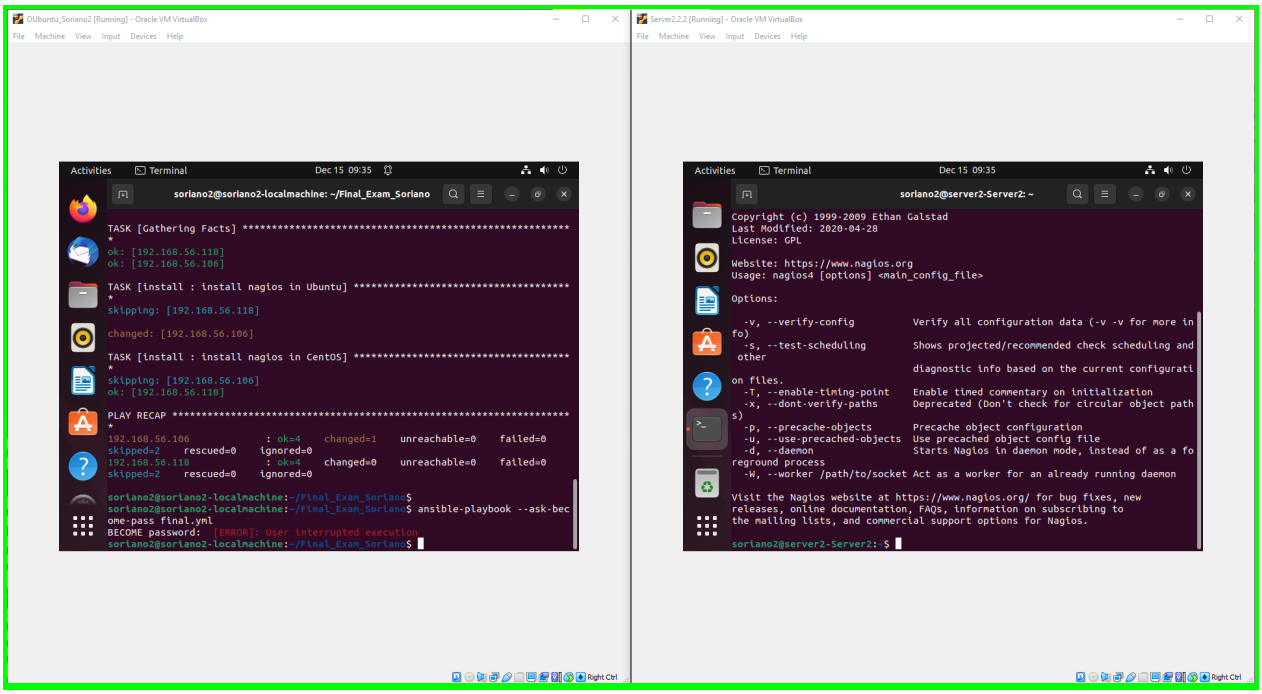
- **This shows the content of the final.yml file**



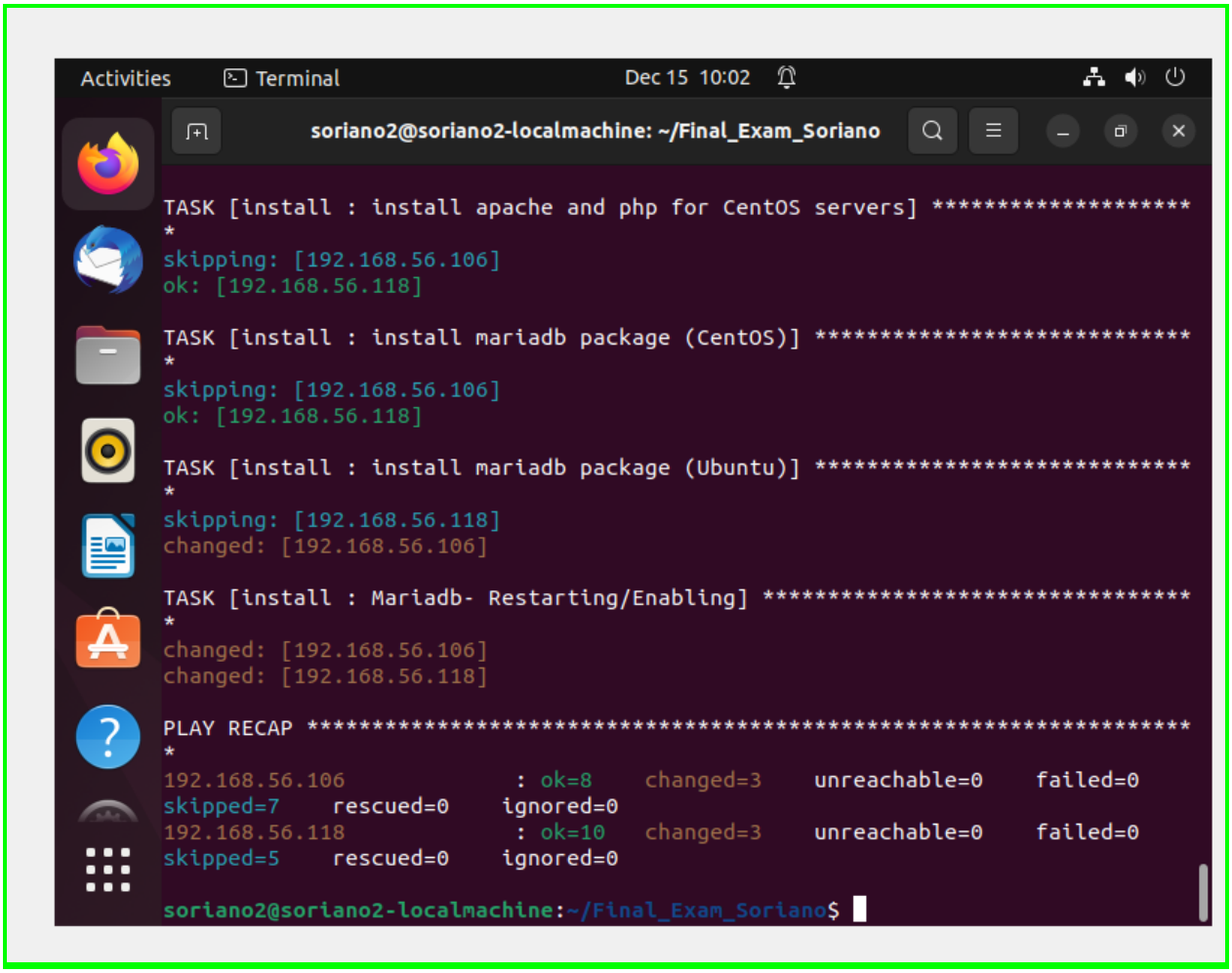
- **This shows the successful ping command for the assurance of the connectivity between the workstations is good and successful.**



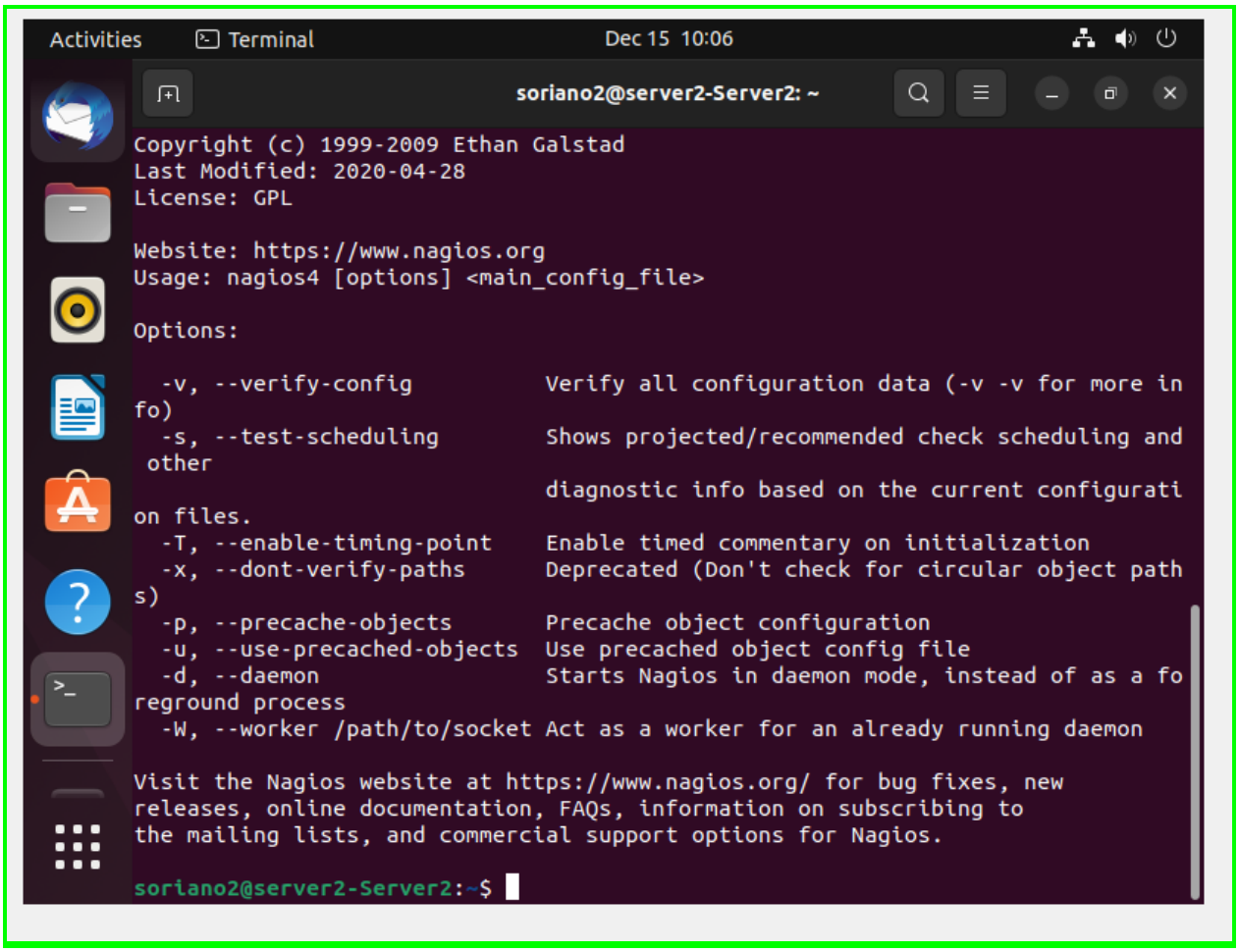
- **This shows the proof of the successful installation of nagios in the centOS.**



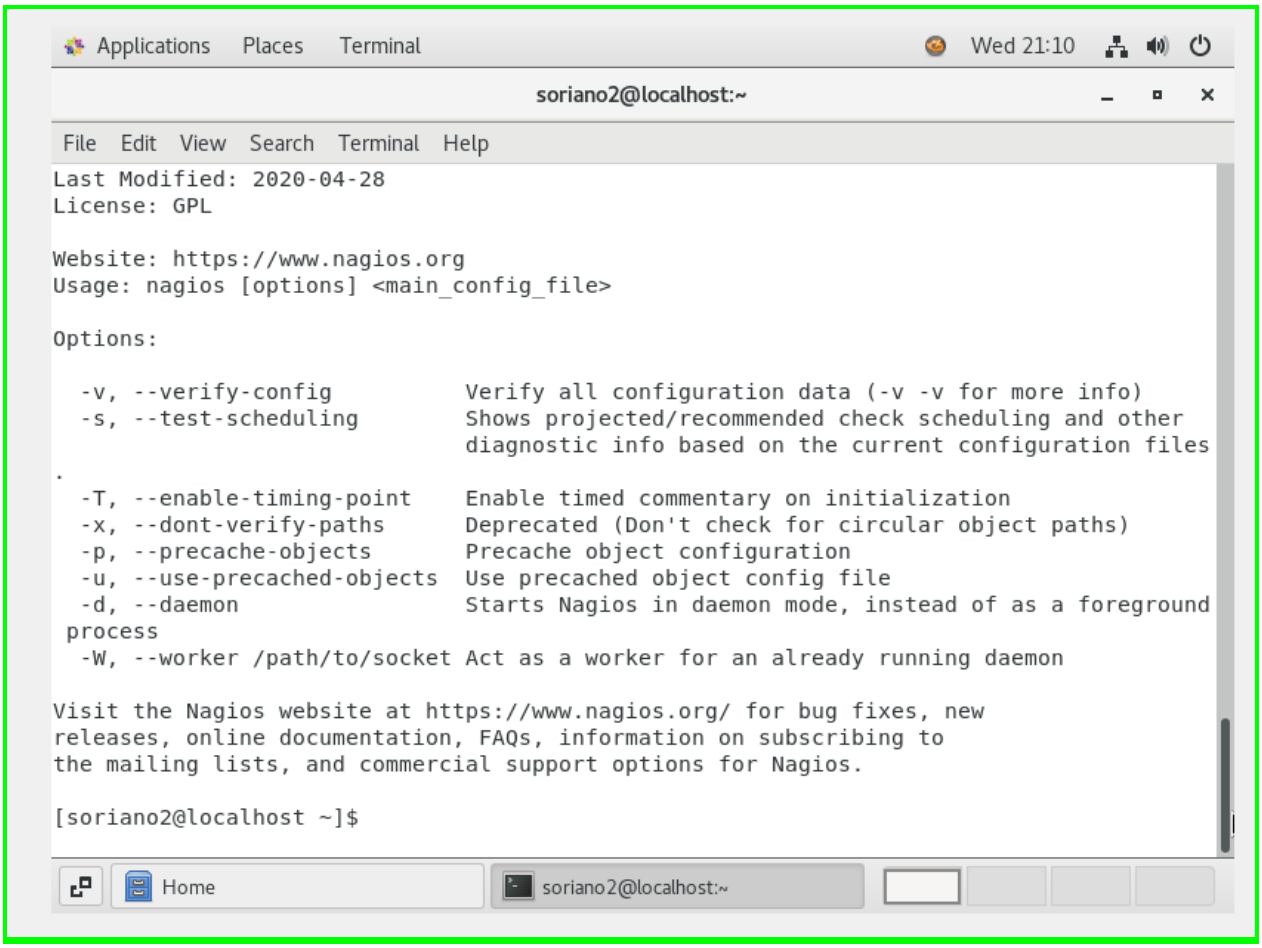
- **This shows the success run of the ansible file and also the proof of installation of nagios is the ubuntu server**



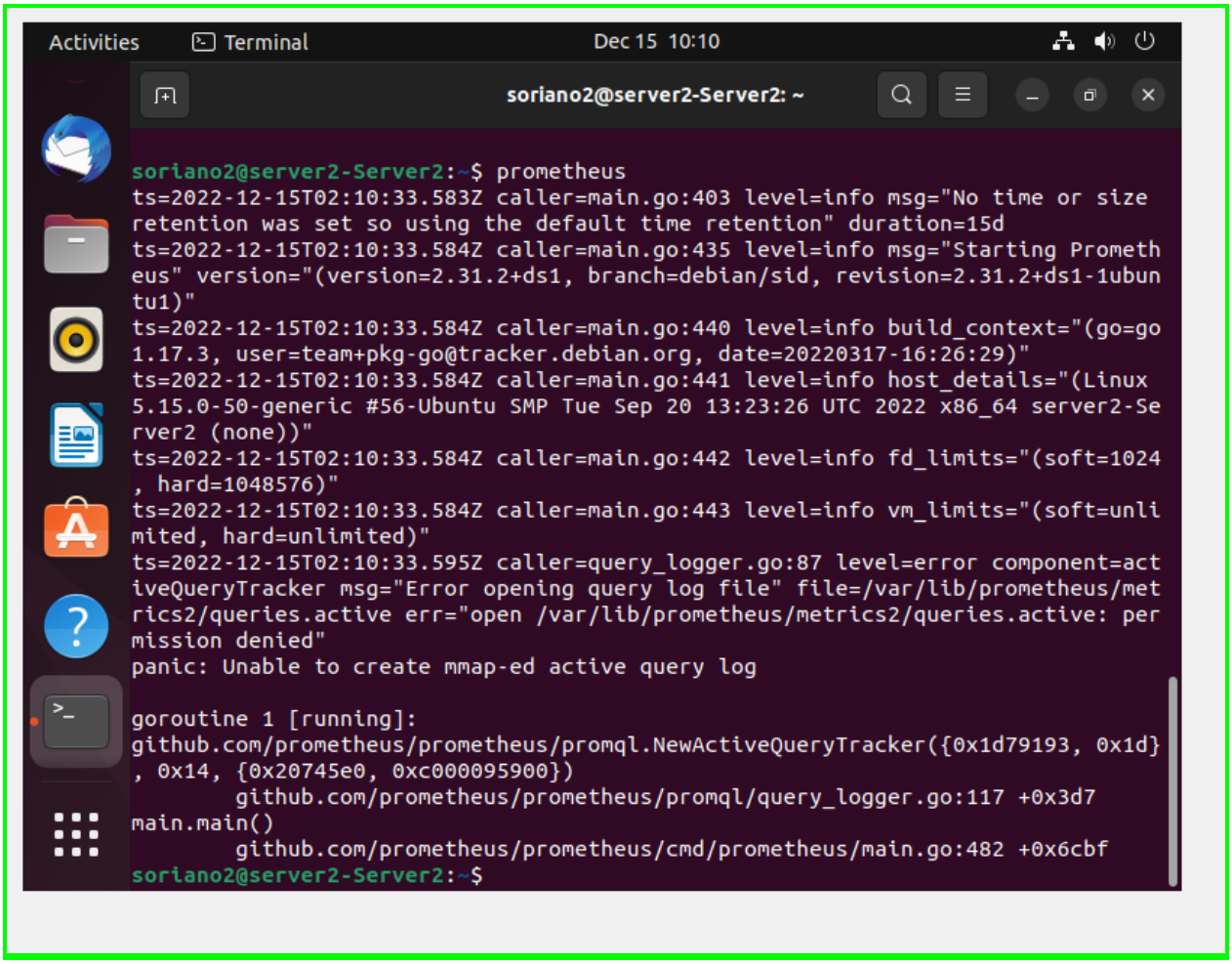
- **This shows the successful installation of the following: nagios, prometheus, mariadb, apache, and php servers. Also the enabling of the mariadb servers for both ubuntu and centos.**



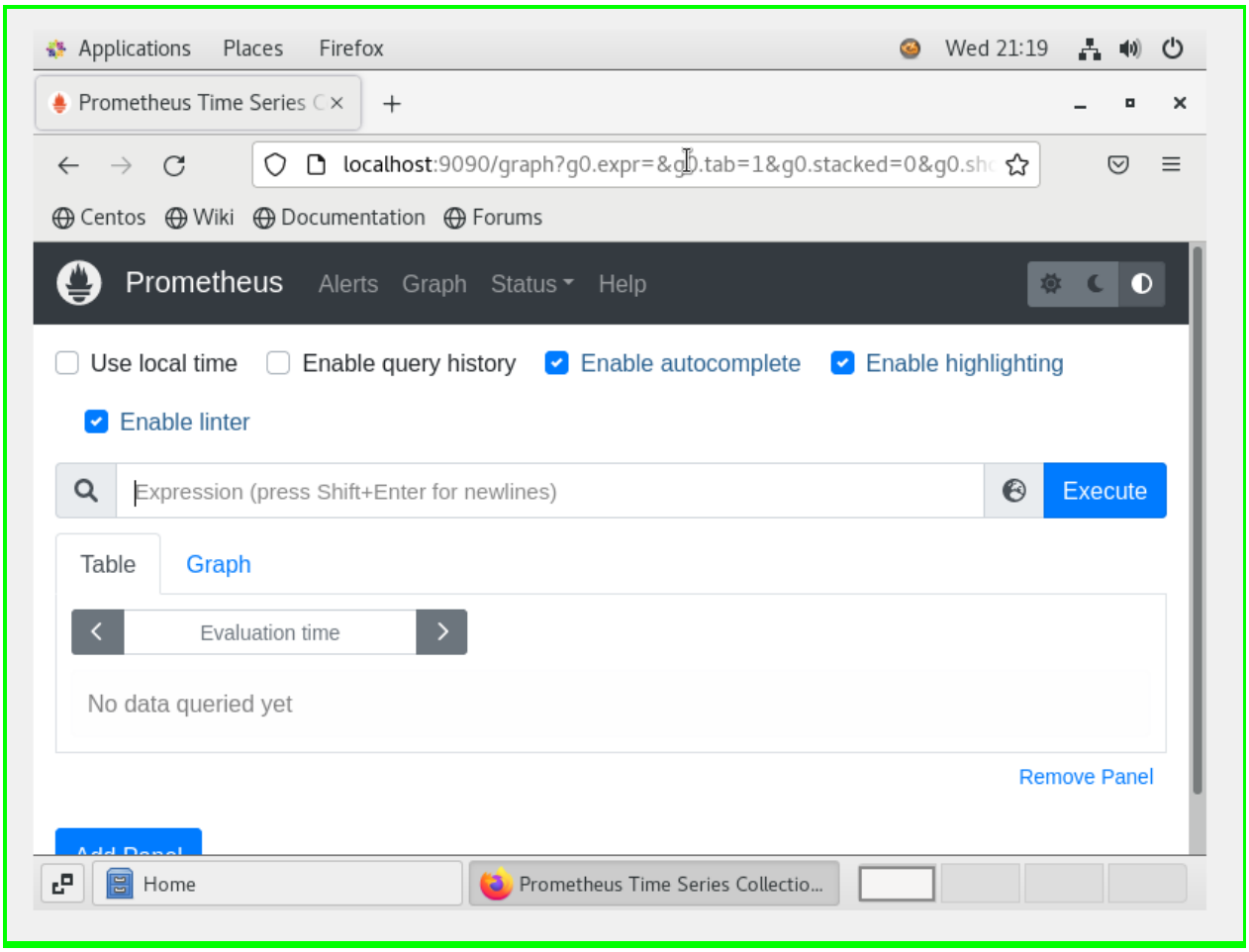
- **Proof of installation of the nagios in ubuntu server**



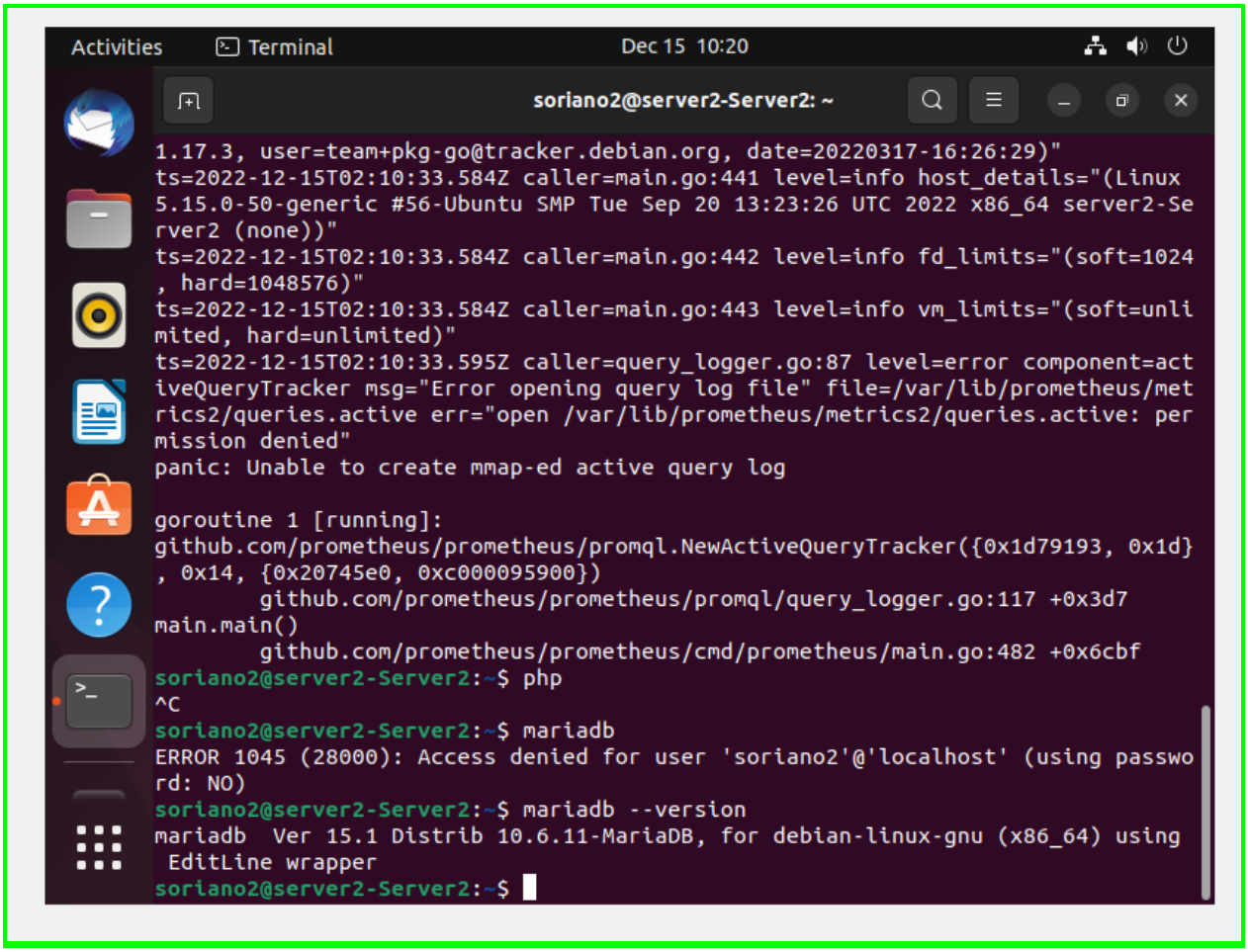
- **Proof of installation of nagios in centos server**



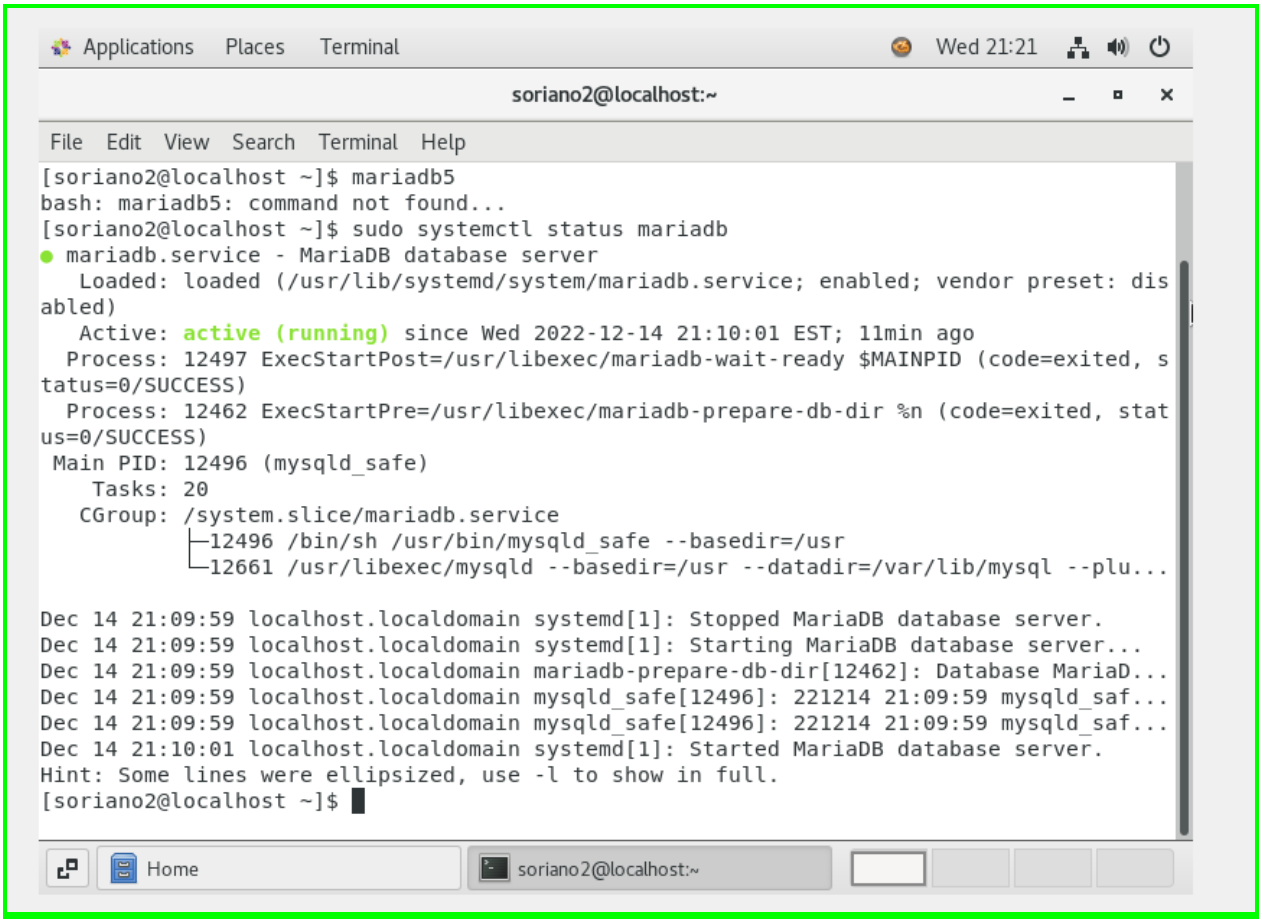
- **Proof of installation of prometheus in ubuntu server**



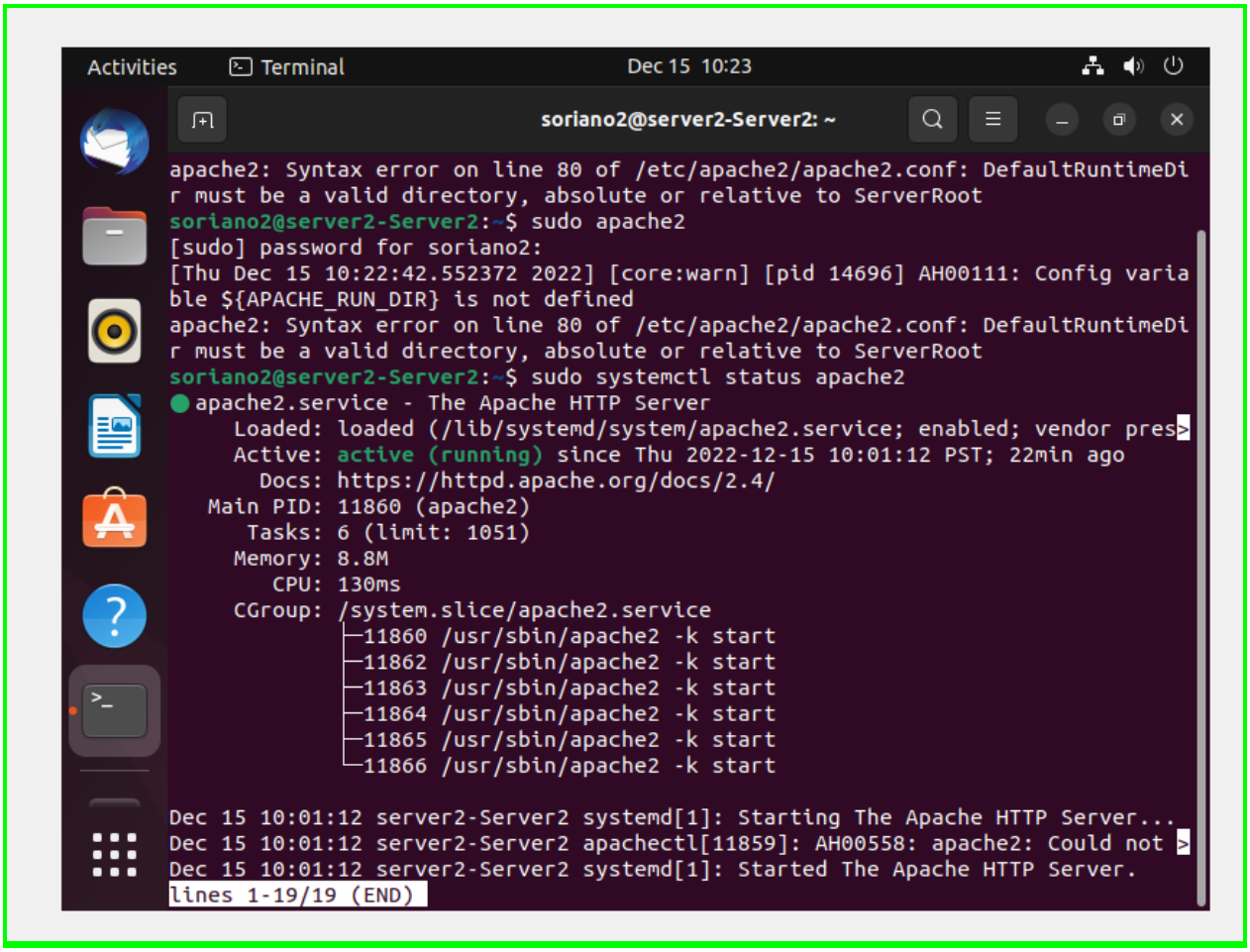
- **Proof of installation of prometheus in centos server**



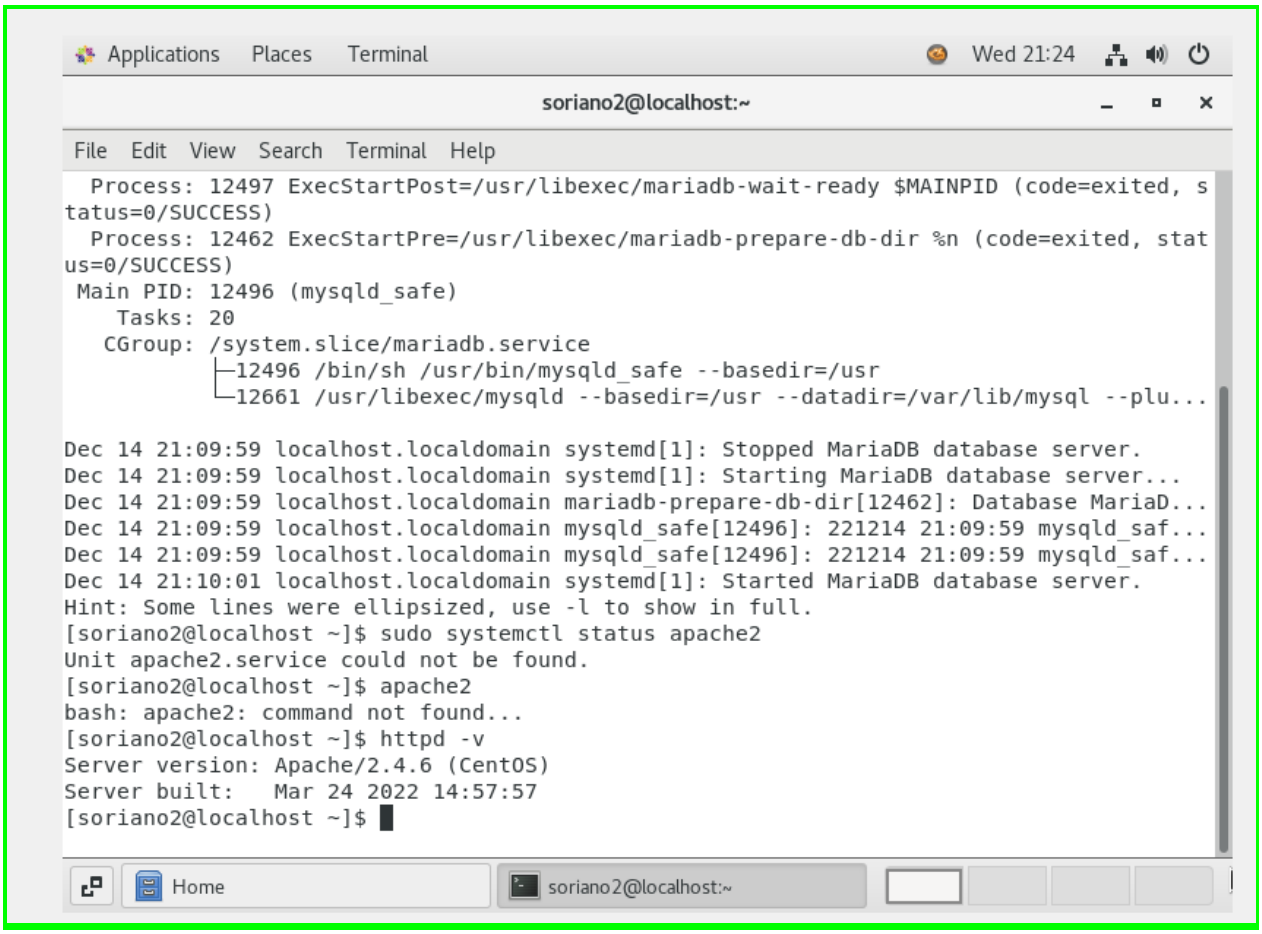
- **Proof of installation of mariadb in ubuntu server**



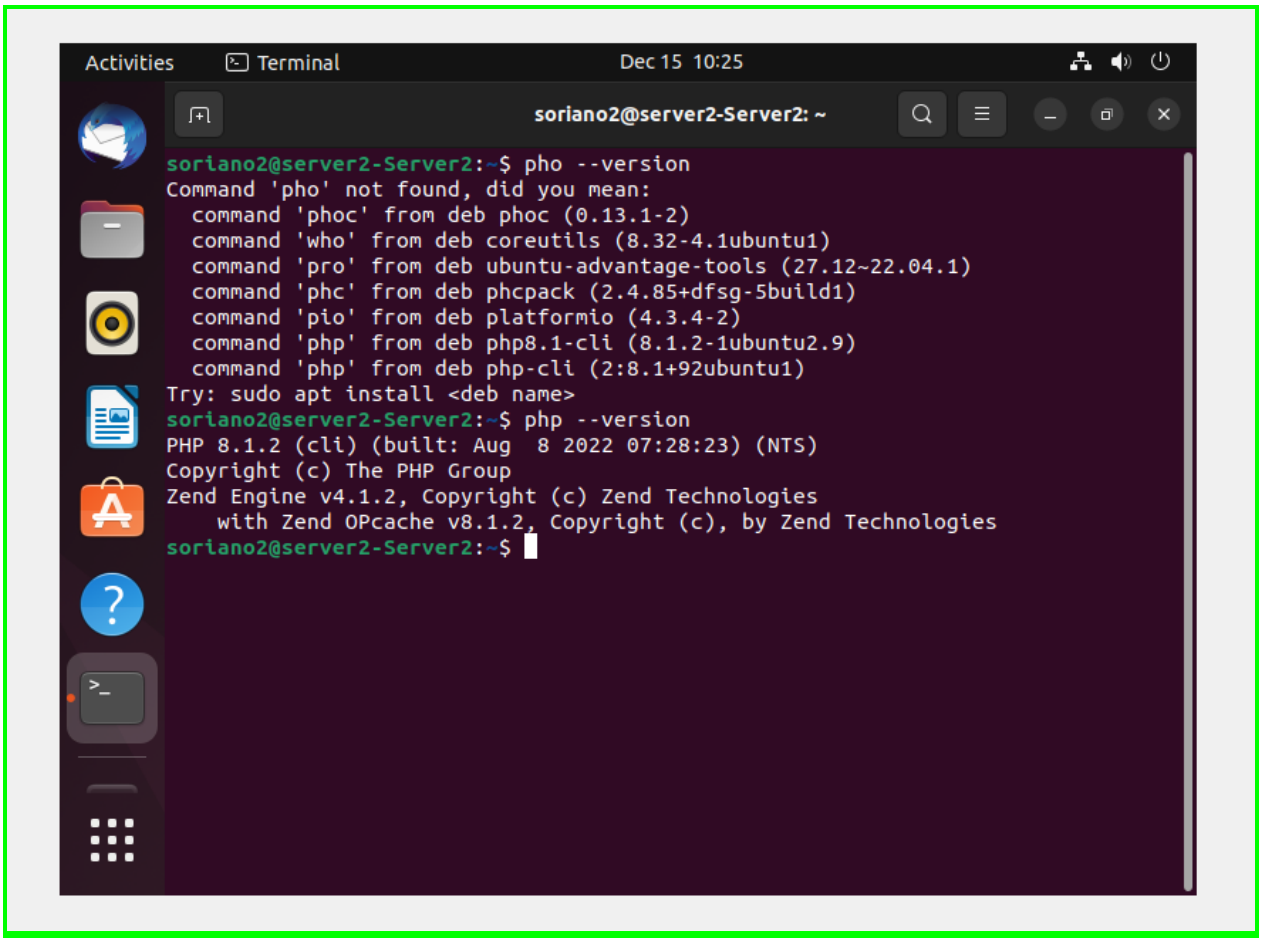
- **Proof of installation of mariadb in centos server**



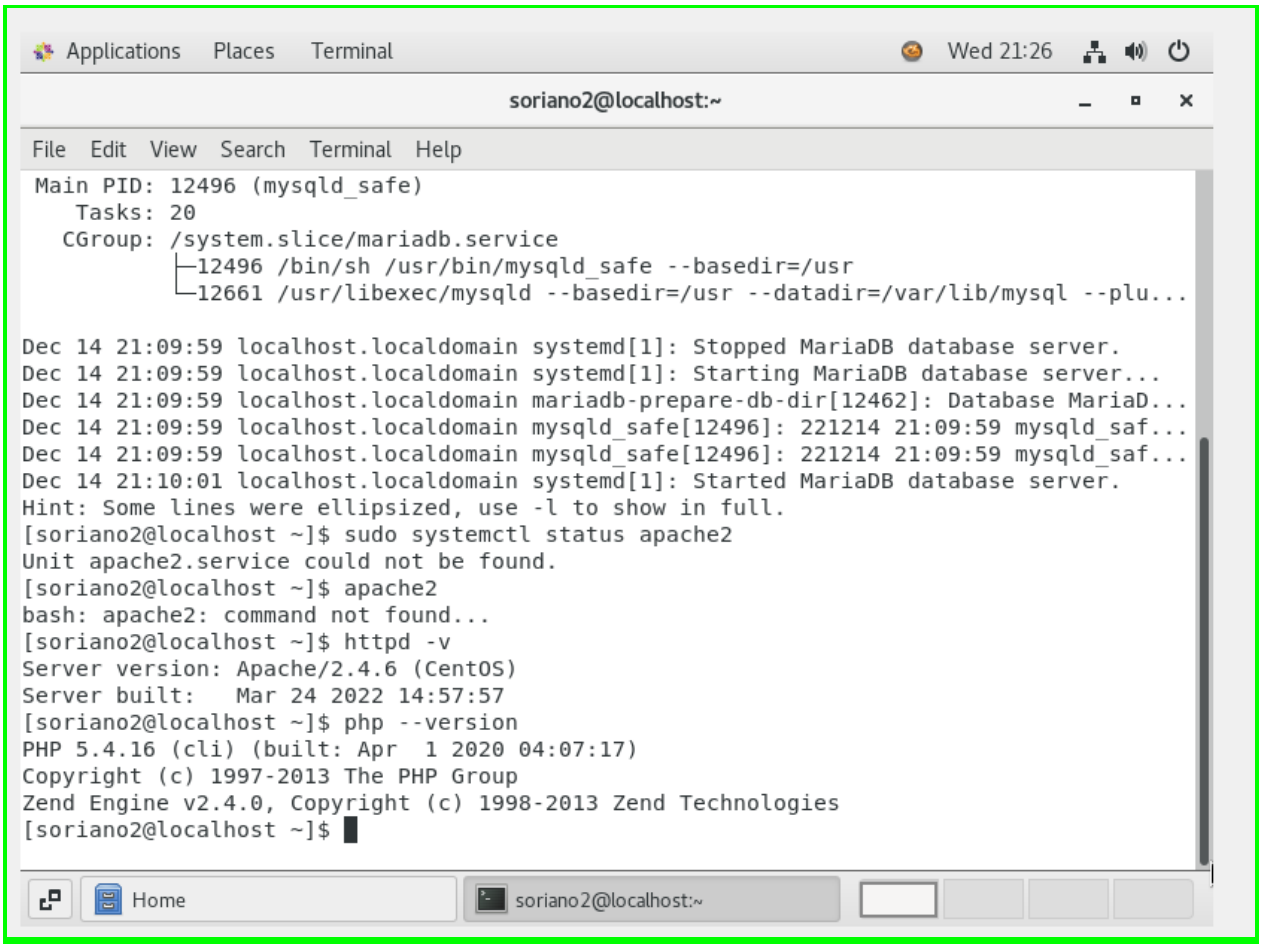
- **Proof of installation of apache2 in ubuntu server**



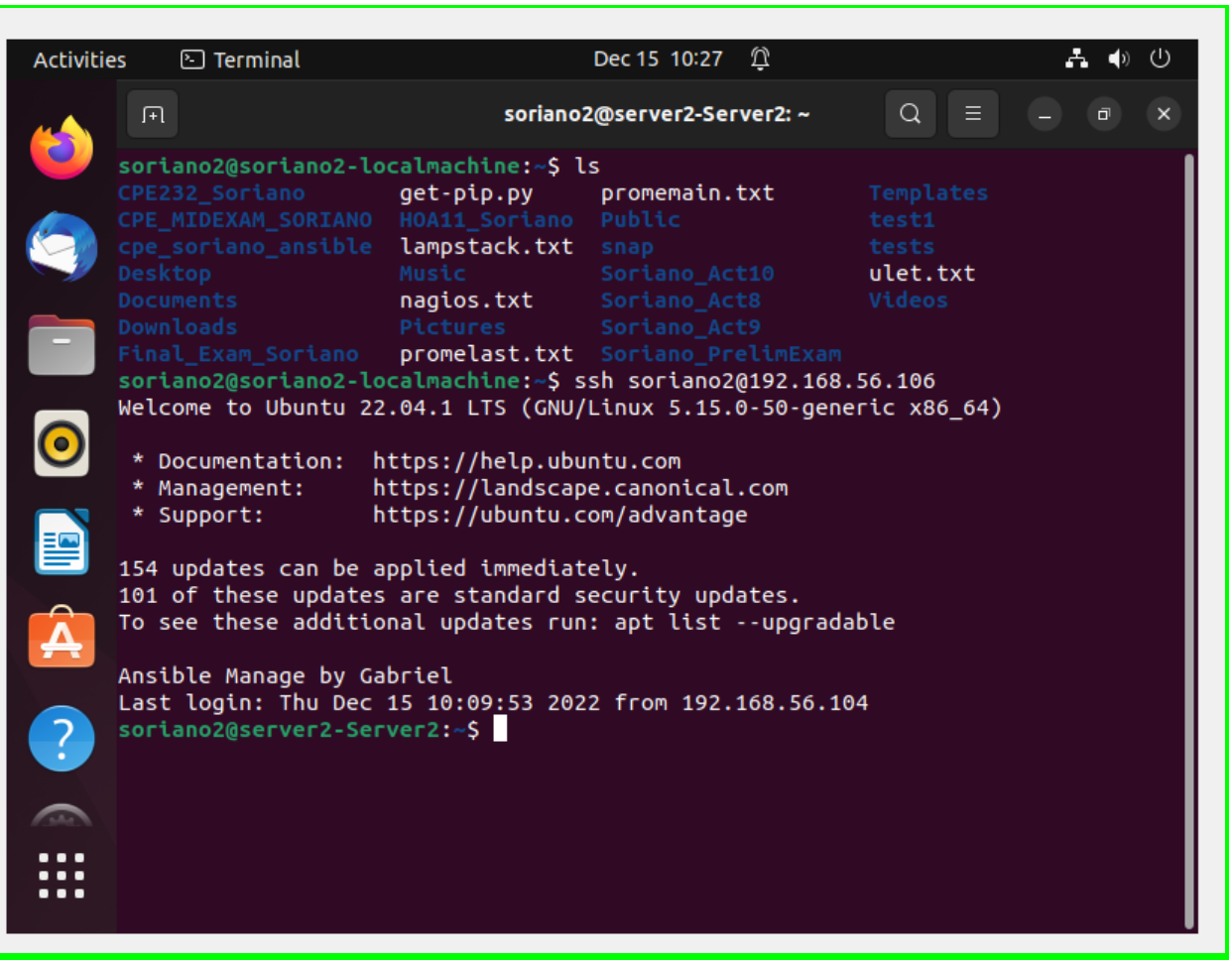
- **Proof of installation of apache2 in centos**



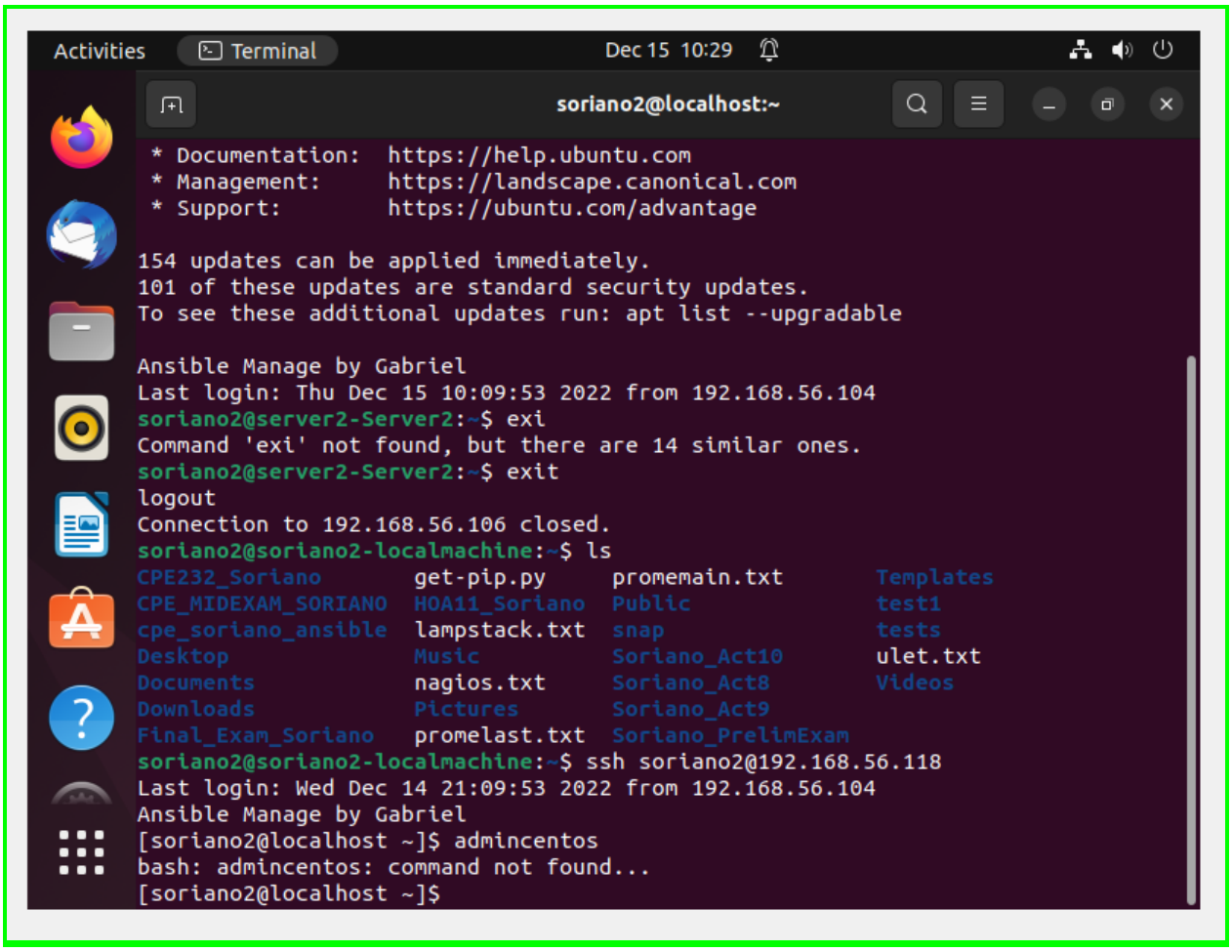
- **Proof of installation of php in ubuntu server**



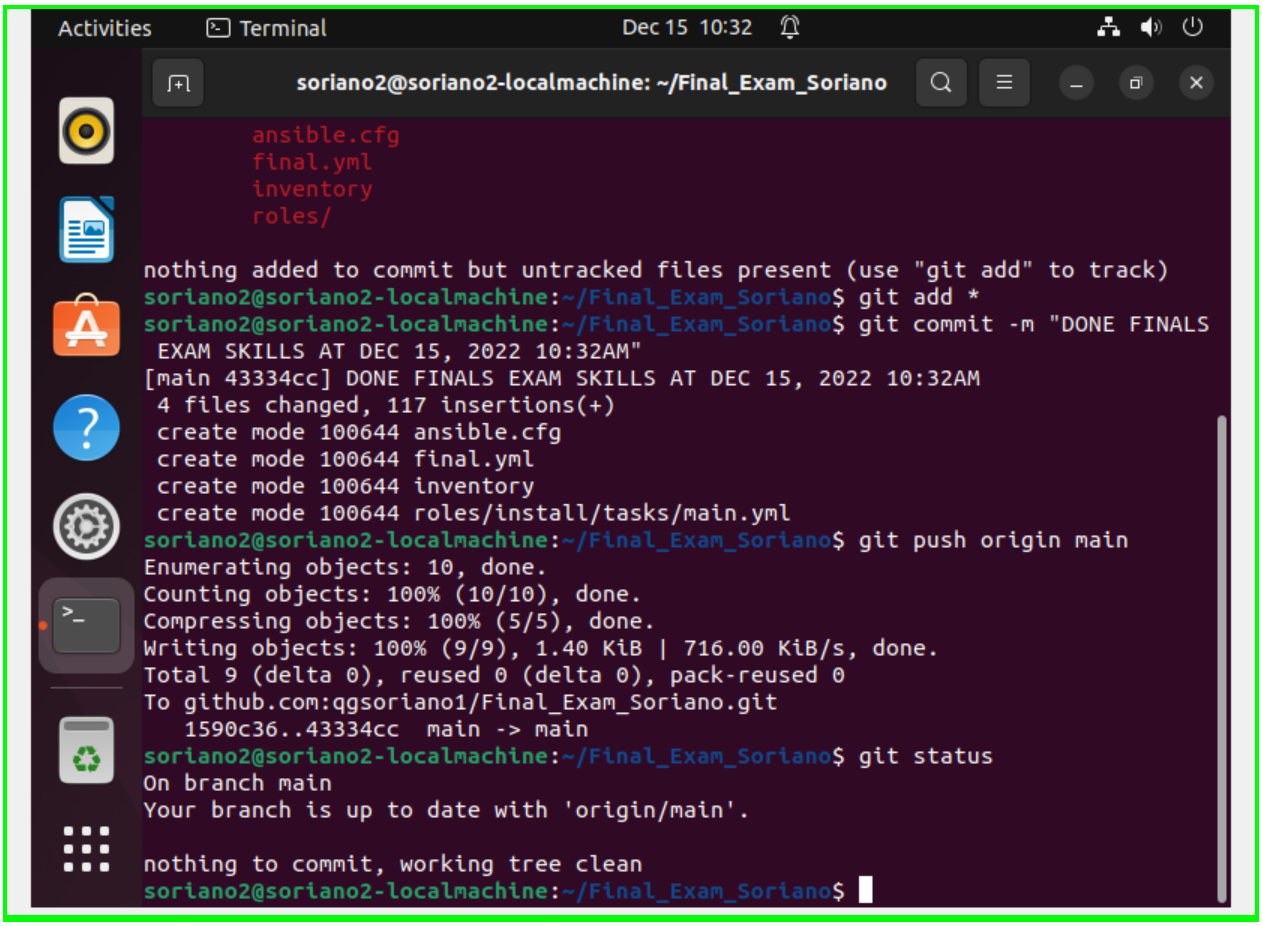
- **Proof of installation of php in centos server**



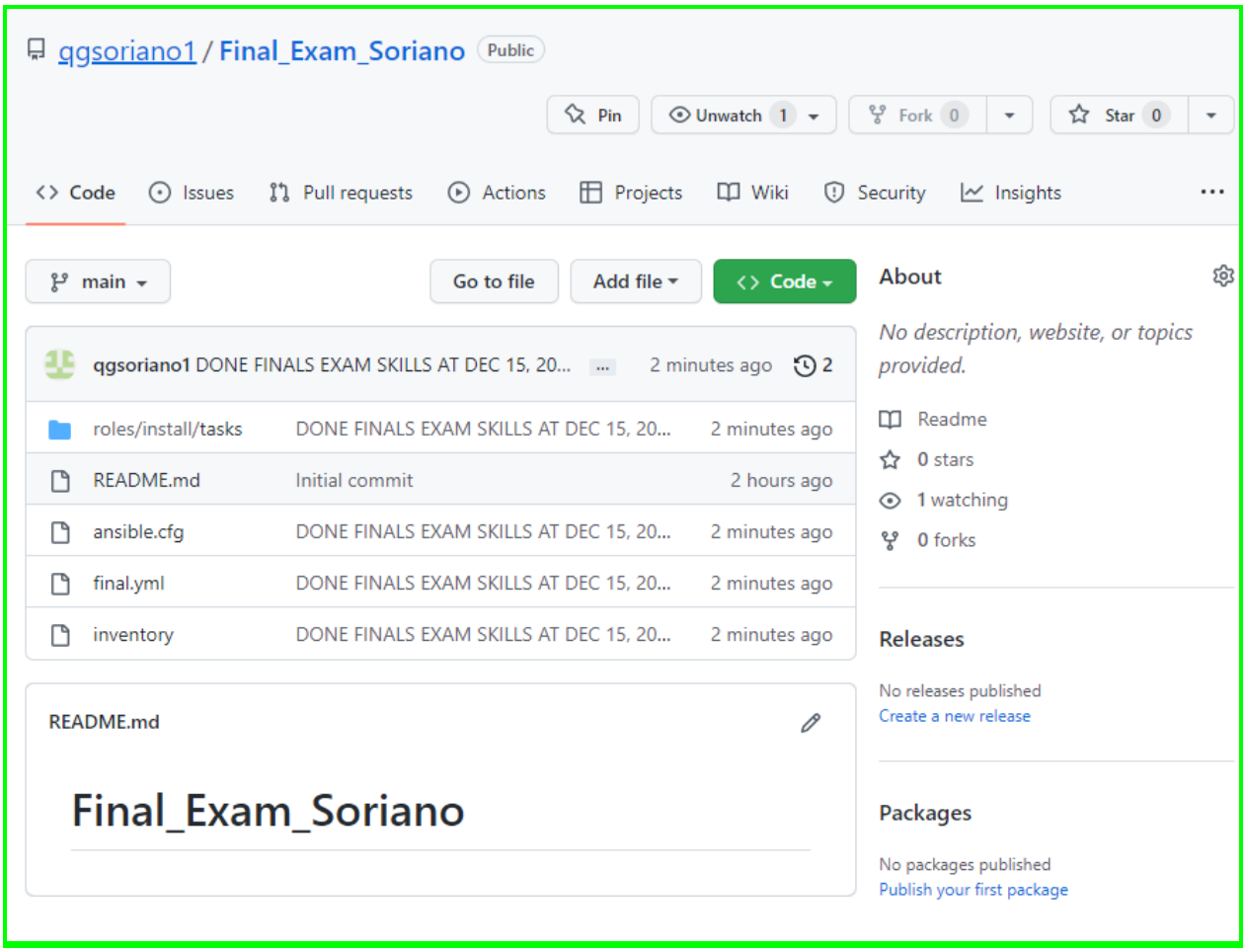
- **MOTD proof for ubuntu server**



- **MOTD proof for centos server**



- **This is the successful git adding, pushing and committing of the directories and files done in this activity. All said requirements are successfully achieved.**



- **This is the proof of the successful git adding, committing and pushing of the directories. All are achieved.**