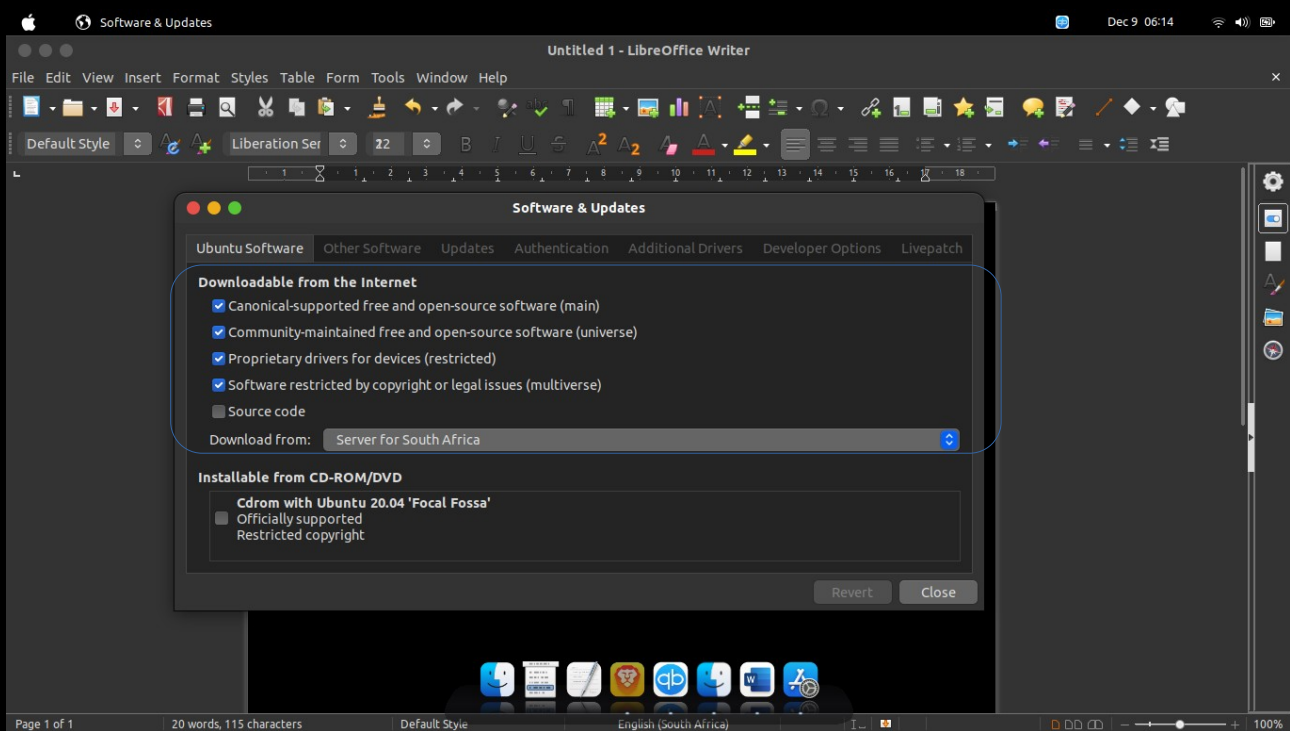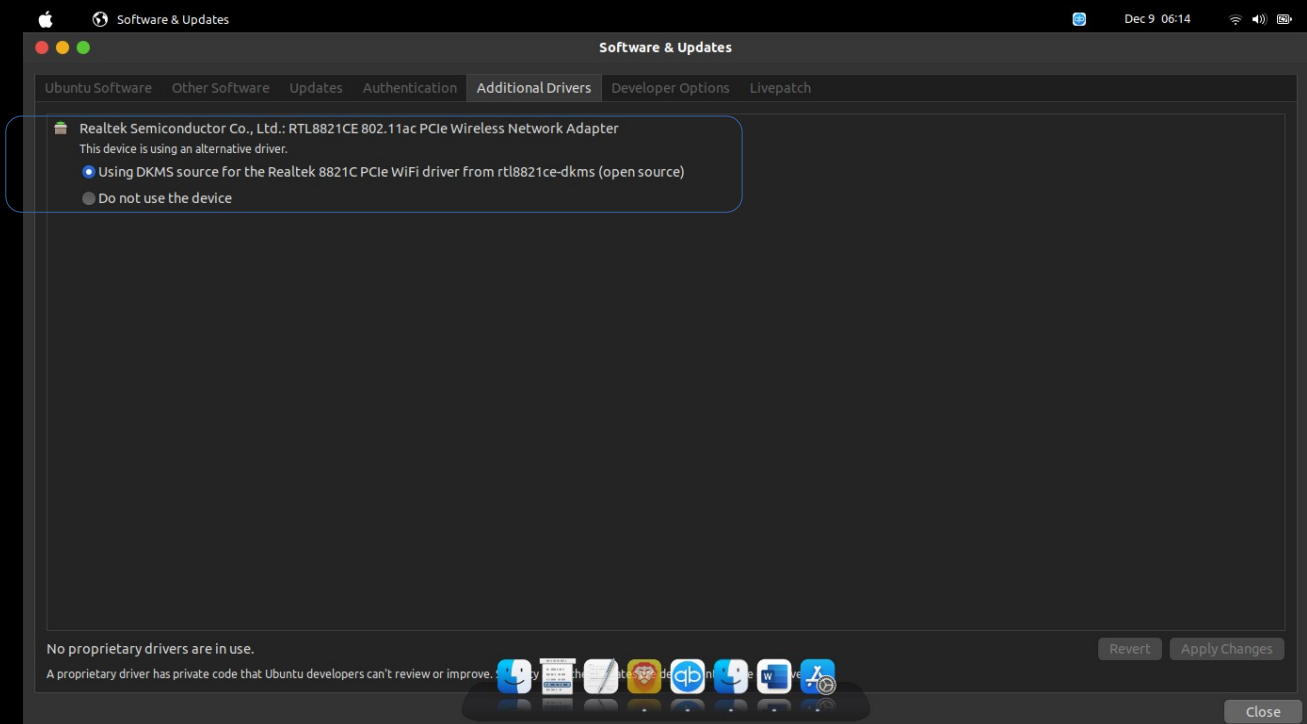1, Install Ubuntu
2, after installation, connect your USB cable to your PC, then enable tethering, then run following commands on the terminal:

>> sudo apt update
>> sudo apt upgrade

3, the software and updates will open, do select all the options as per images below:

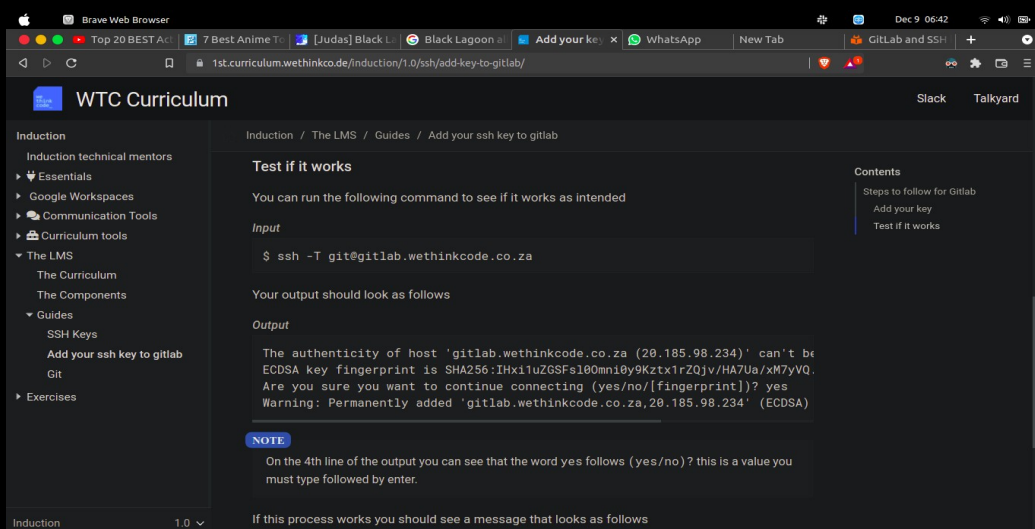3, This might make things easy to restore your lms and setting up the lms keys:
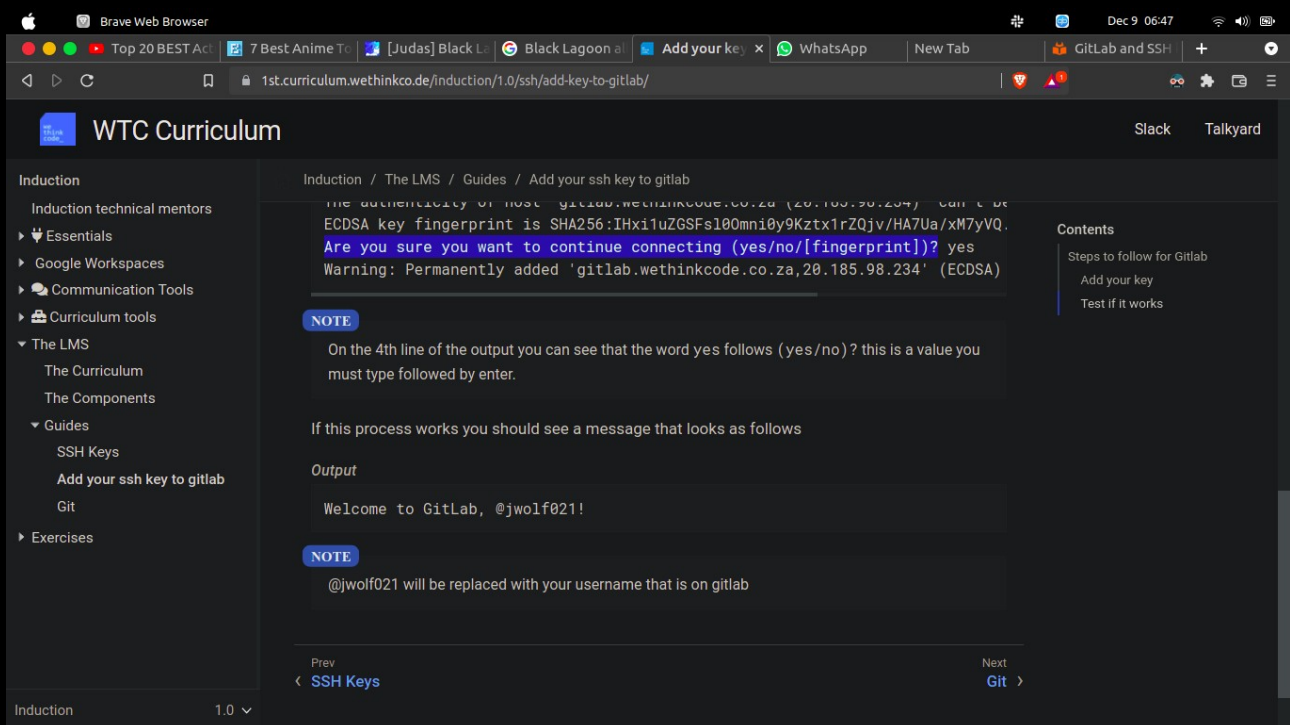
>> GIT

Generating ssh key

> https://docs.gitlab.com/ee/ssh/ [Follow step 1 to 5] i.e I used the ED25519 algorithm but you can any algorithm of your liking
> then scroll down to "Add an SSH key to your GitLab account"

>> Test if it works: by running:
        > ssh -T git@gitlab.wethinkcode.co.za, then on [Are you sure you want to continue connecting (yes/no/[fingerprint])?] just type yes

>> INSTALLING LMS

* Download the binary file of the latest lms to the Download directory from lms releases slack channel, the run the following

>> setting up lms
* wtc-lms -V

Answer with the following information when it prompts you for it:

Repo directory   :   ~/problems

Navigator URL   :   https://navigator.wethinkcode.co.za

Username   :   Your WTC_ student email address,

Review manager URL: https://review-manager.wethinkcode.co.za

Keycloak URL   :   https://keycloak.wethinkcode.co.za

the following output should be:

```
Please provide the path to the repo storage directory
~/problems
Please provide the url for the navigator
https://navigator.wethinkcode.co.za
Please provide the username for the navigator
jdoe@student.wethinkcode.co.za
Please provide the url for the review manager
https://review-manager.wethinkcode.co.za
Please provide the keycloak url for authentication
https://keycloak.wethinkcode.co.za
WeThinkCode LMS 1.3.0
```

```
3, install vscode
```

```
>> sudo snap install --classic code
```

```
some of the extensions you might want to install on your vscode
Bracket pair
Docker
File watcher
Jupiter
Jupyter
Jupyter key map
Jupyter notebook renderers
Prettier
Pylance
Python
Remote - containers
Test adapter converter
Test explorer
Vscode icons
```

you might have to install python, you check out this link

https://www.digitalocean.com/community/tutorials/how-to-install-python-3-and-set-up-a-programming-environment-on-an-ubuntu-20-04-server

install turtle and requests using pip3

i.e you might have to install tkinter as well if you get an error related to tkinter

By Murex