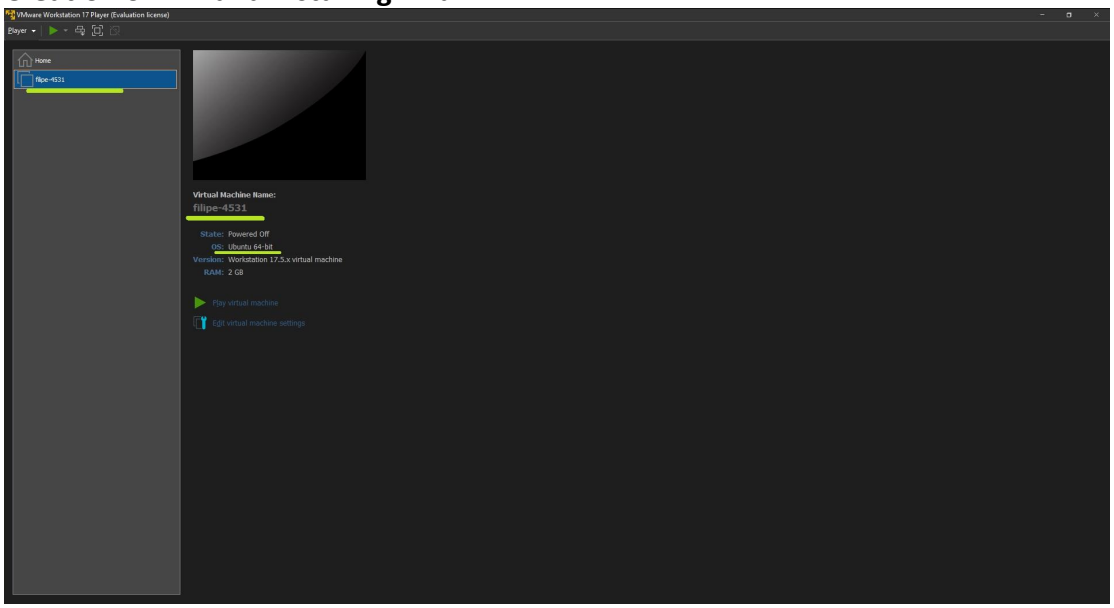
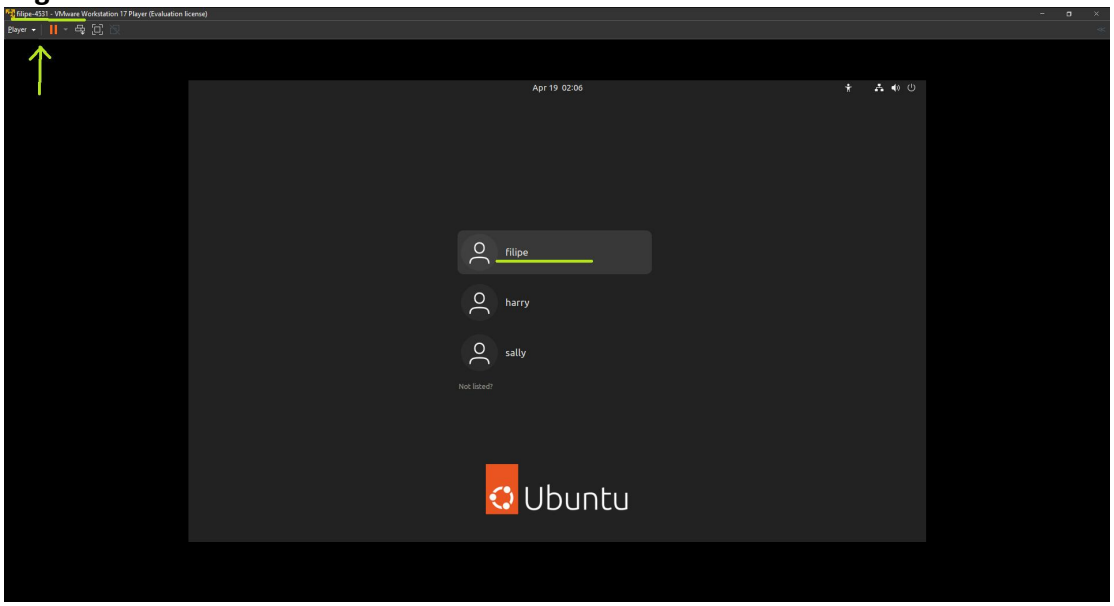
Assignment 1- Install Ubuntu

Pt1-
Creation of VM and installing Linux

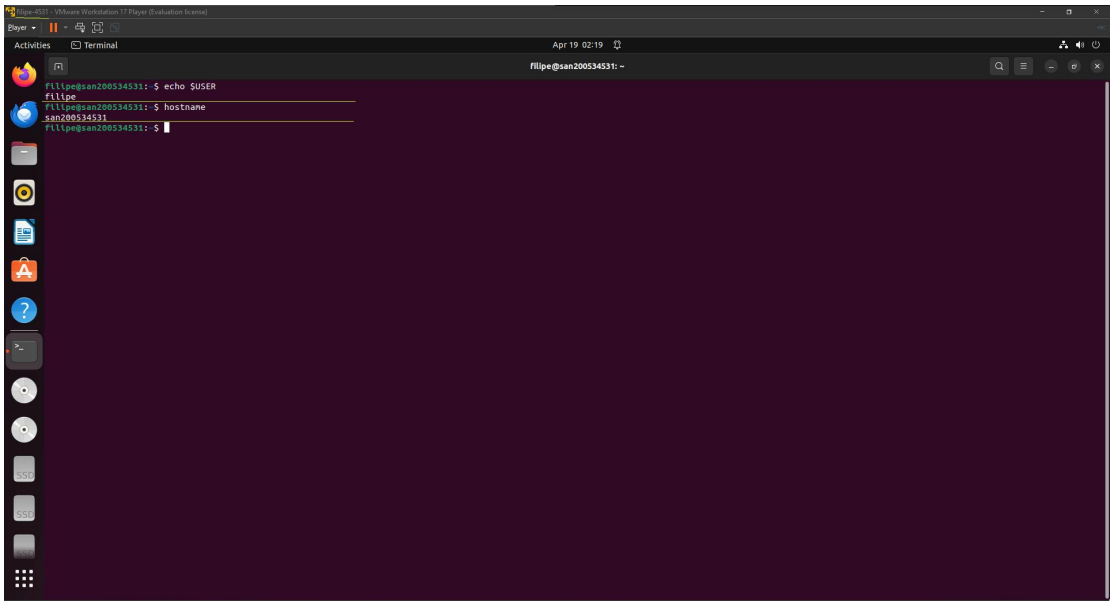


Login - user



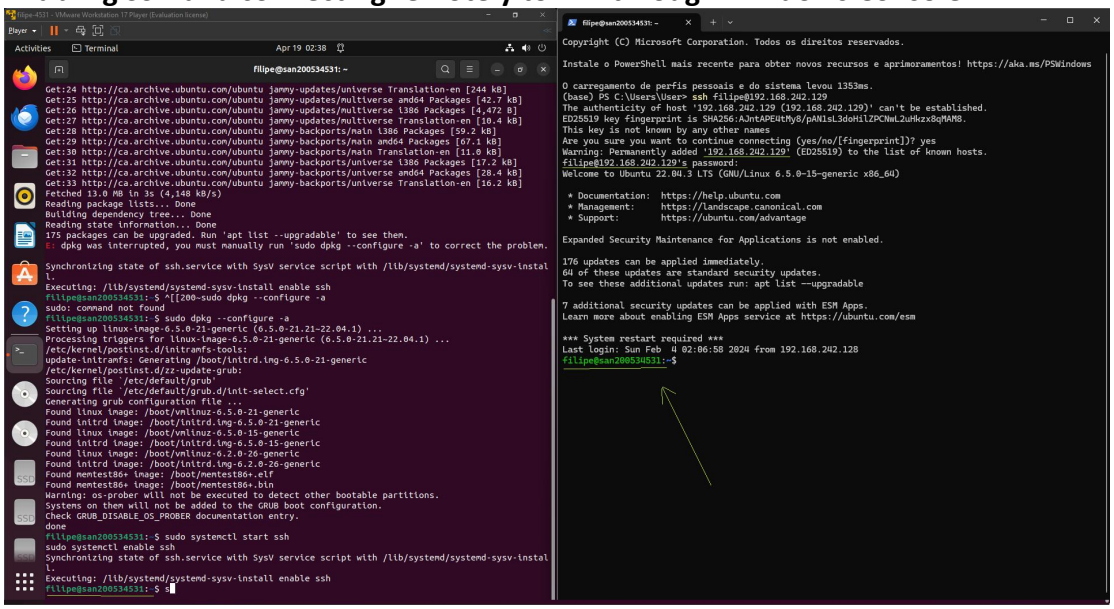
Pt2-
Set username to be my first name. Set hostname to be the first 3 letters of my last name + my student ID

User of command on terminal:
echo $USER
hostname



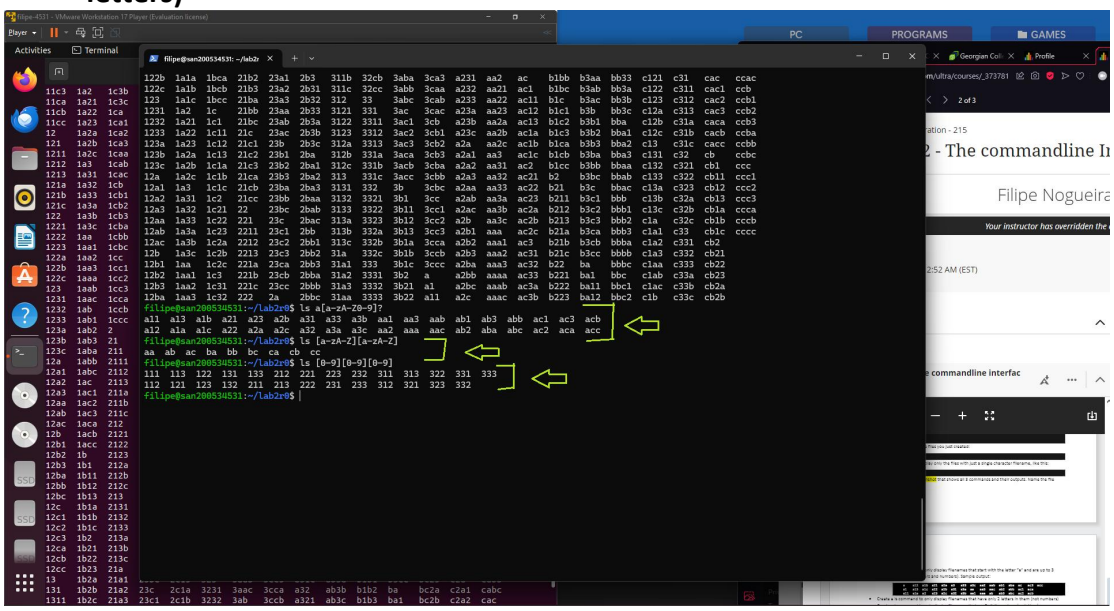
Assignment2 - The commandline interface

Enabling SSH and connecting remotely to VM through Windows Console



Pt1-

- **Create a ls command to only display filenames that start with the letter “a” and are up to 3characters long (any letters and numbers).**
- **Create a ls command to only display filenames that have only 2 letters in them (not numbers)**
- **Create a ls command to only display filenames that are 3-digit numbers (no letters)**



Screenshot 1

Pt2- File and Folder management

(5 questions)

1- Create a directory under your lab2 directory called "dir_abc".

mkdir ~/lab2/dir_abc

2- Move all the files starting with letters a, b, or c into the "dir_abc" folder using mv command.

mv ~/lab2/[a-c]* ~/lab2/dir_abc/

3- Copy all the files starting with any number to a new folder called "numbers".

Altough not mentioned, we first need to create another folder, as the step before, so

mkdir ~/lab2/numbers

and then we can use the following command

cp ~/lab2/[0-9]* ~/lab2/numbers/

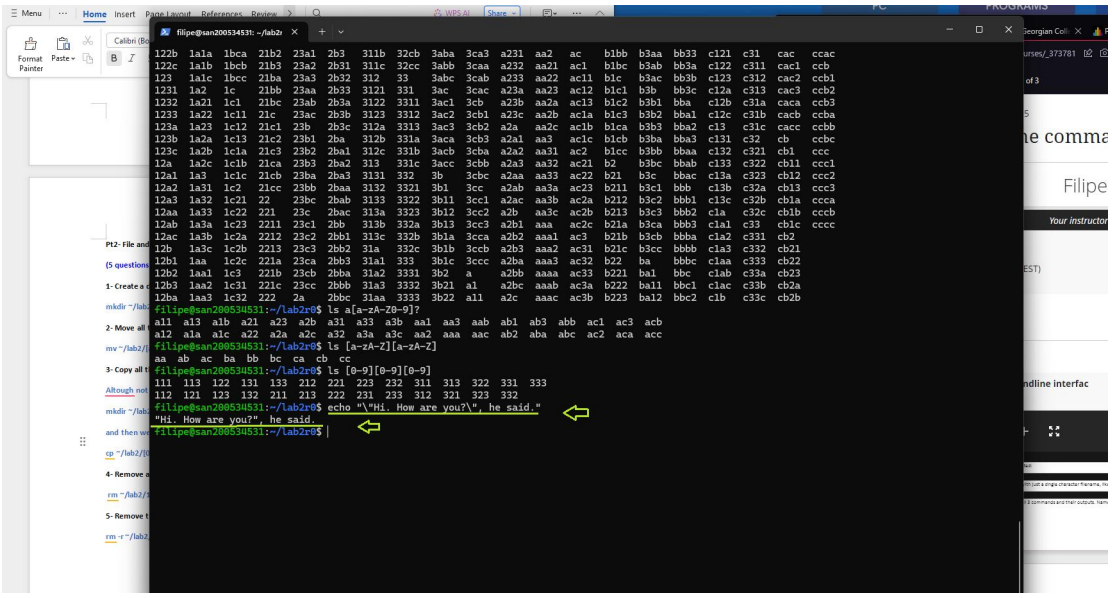
4- Remove all the files under the lab2 folder that start with "12" using rm command.

rm ~/lab2/12*

5- Remove the "numbers" directory.

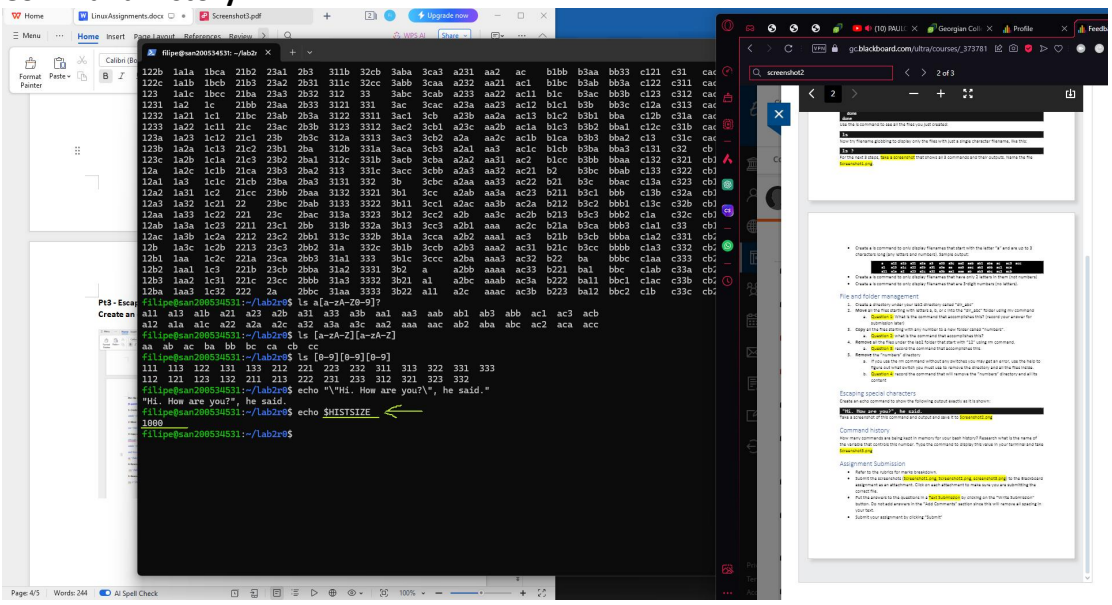
rm -r ~/lab2/numbers

Pt3 - Escaping special characters
Create an echo command to show the following output exactly as it is shown



Screenshot 2

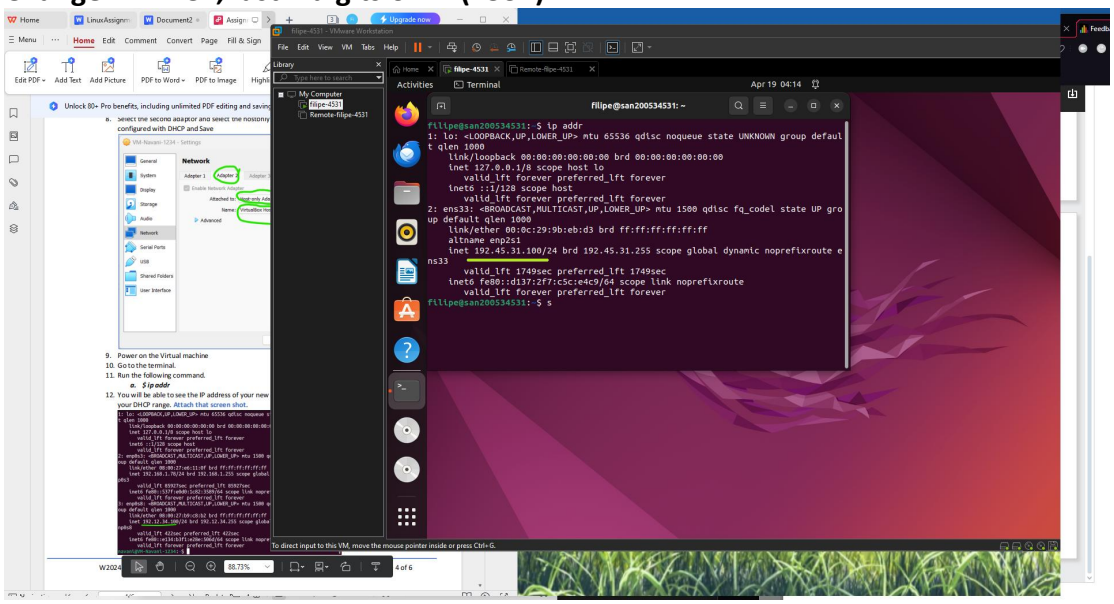
Command history



Screenshot 3

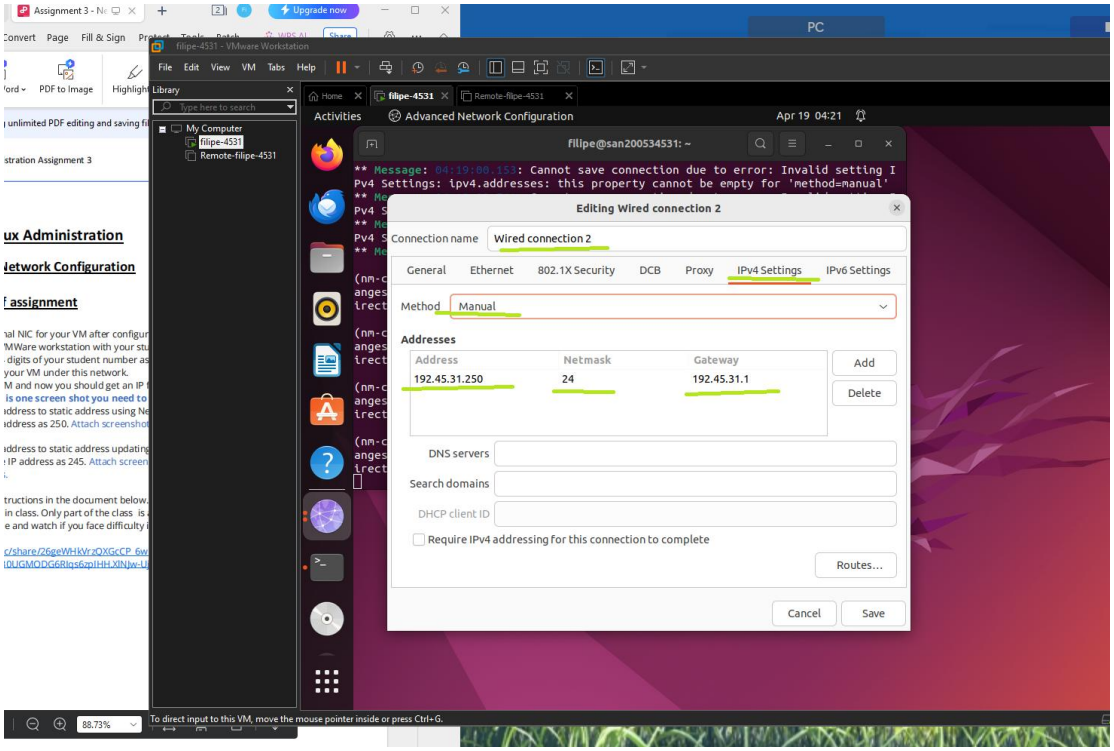
Assignment3 - Configuring NIC

Change IP DHCP, last 4 digits of ID (4531)



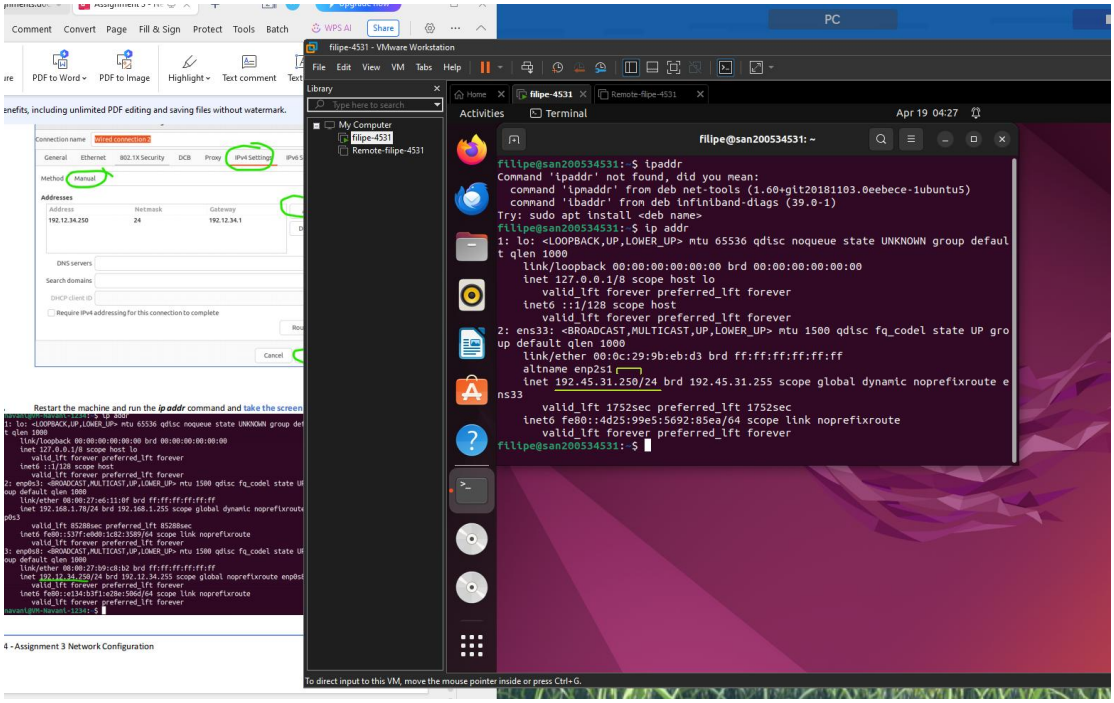
Screenshot1

Change the IP address to static address using Network Manager tool nmcli with the last
octet of the IP address as 250



Screenshot 2

Change the IP address to static address updating the yaml file in using netplan with the
last octet of the IP address as 250

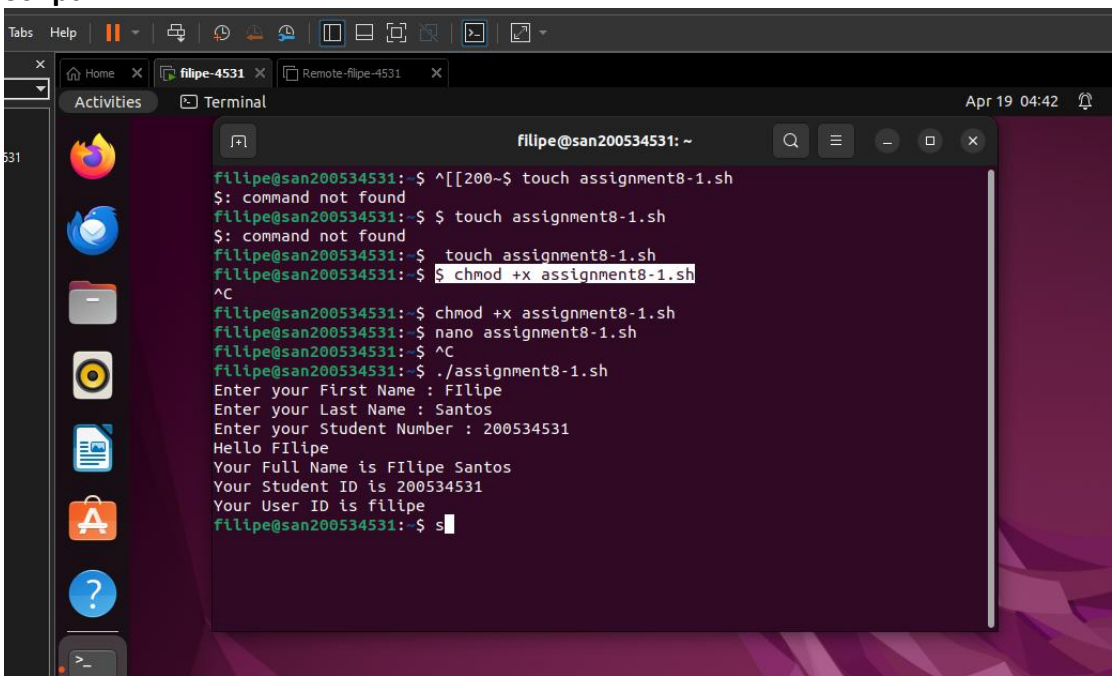


Screenshot 3

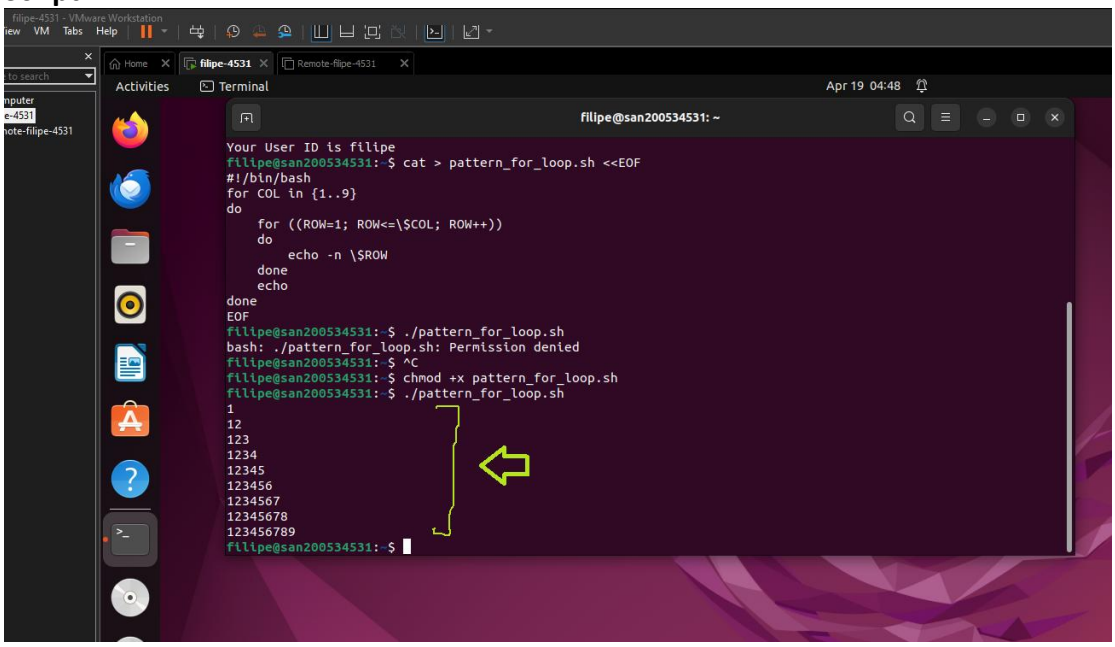
Assignment8 - Linux Scripting and Changing Desktop Environment

Part 1- Write Script in Linux

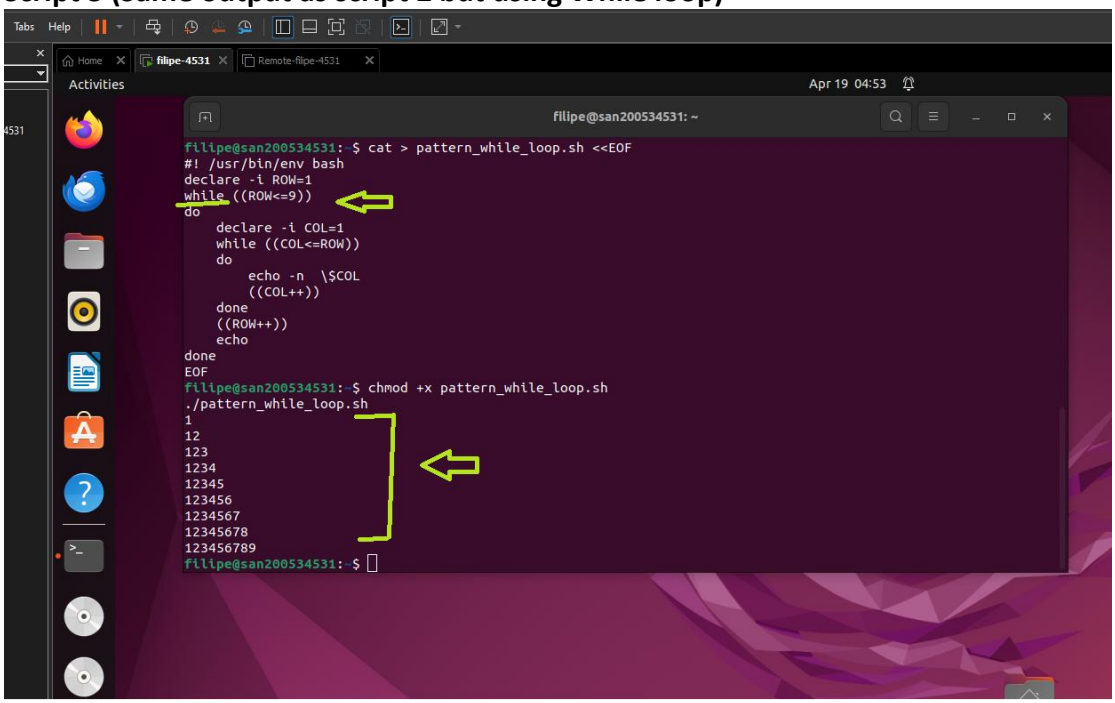
Script 1



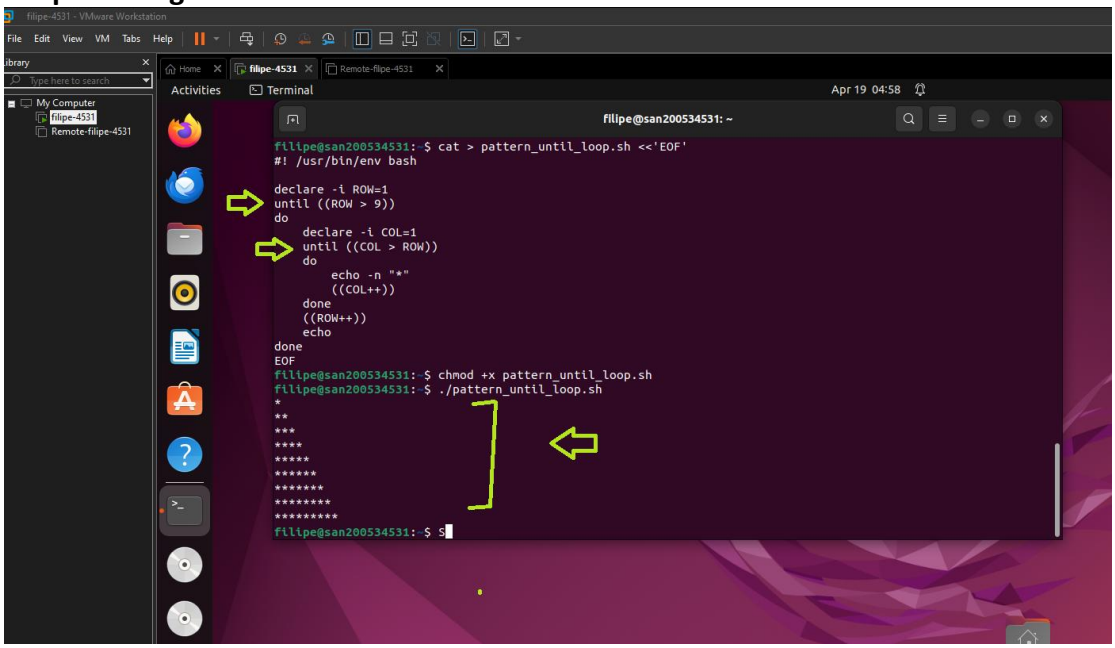
Script 2



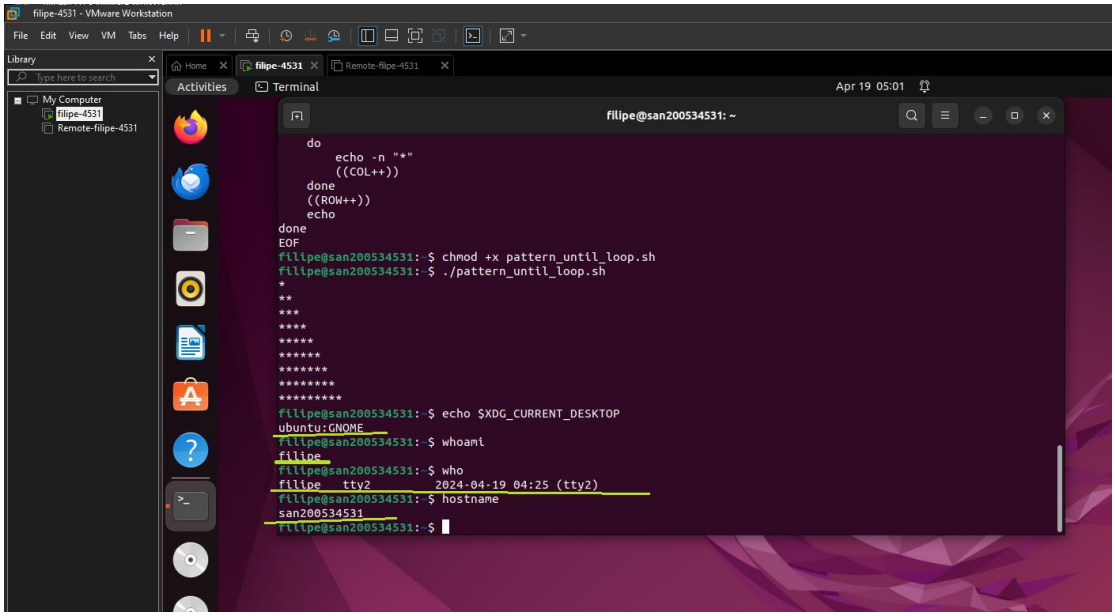
Script 3 (Same output as script 2 but using While loop)



Script 4 Using until

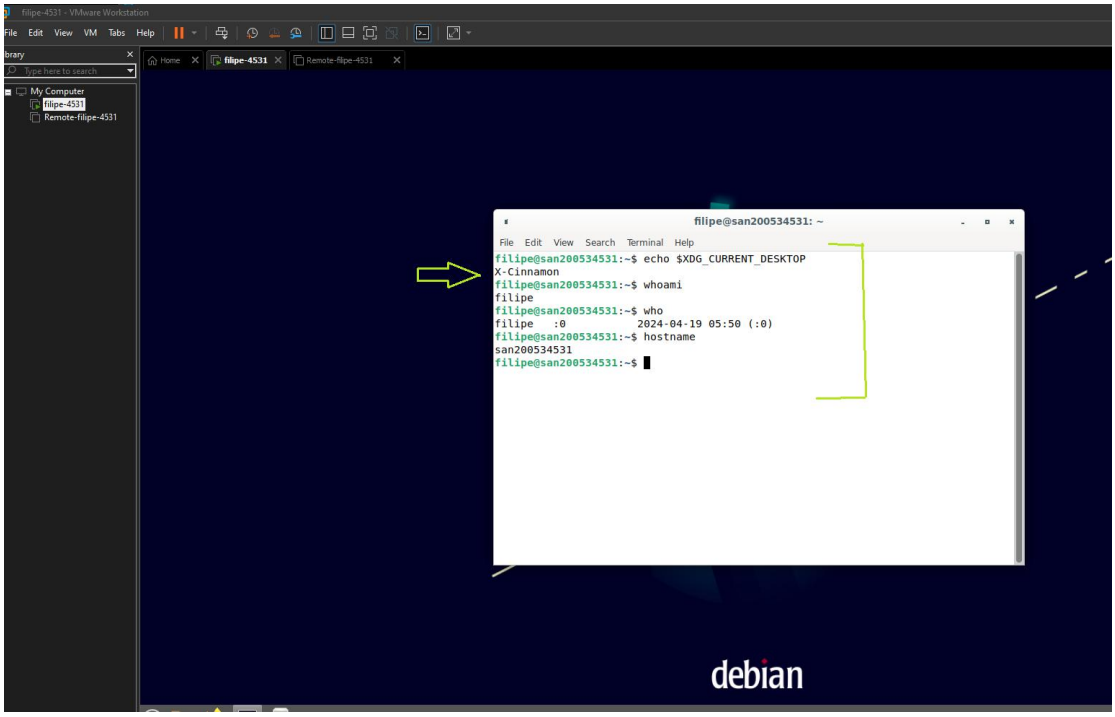


Part 2 - Install a different desktop environment



Screenshot 1

Cinnamon Desktop Environment Installed



Screenshot 2