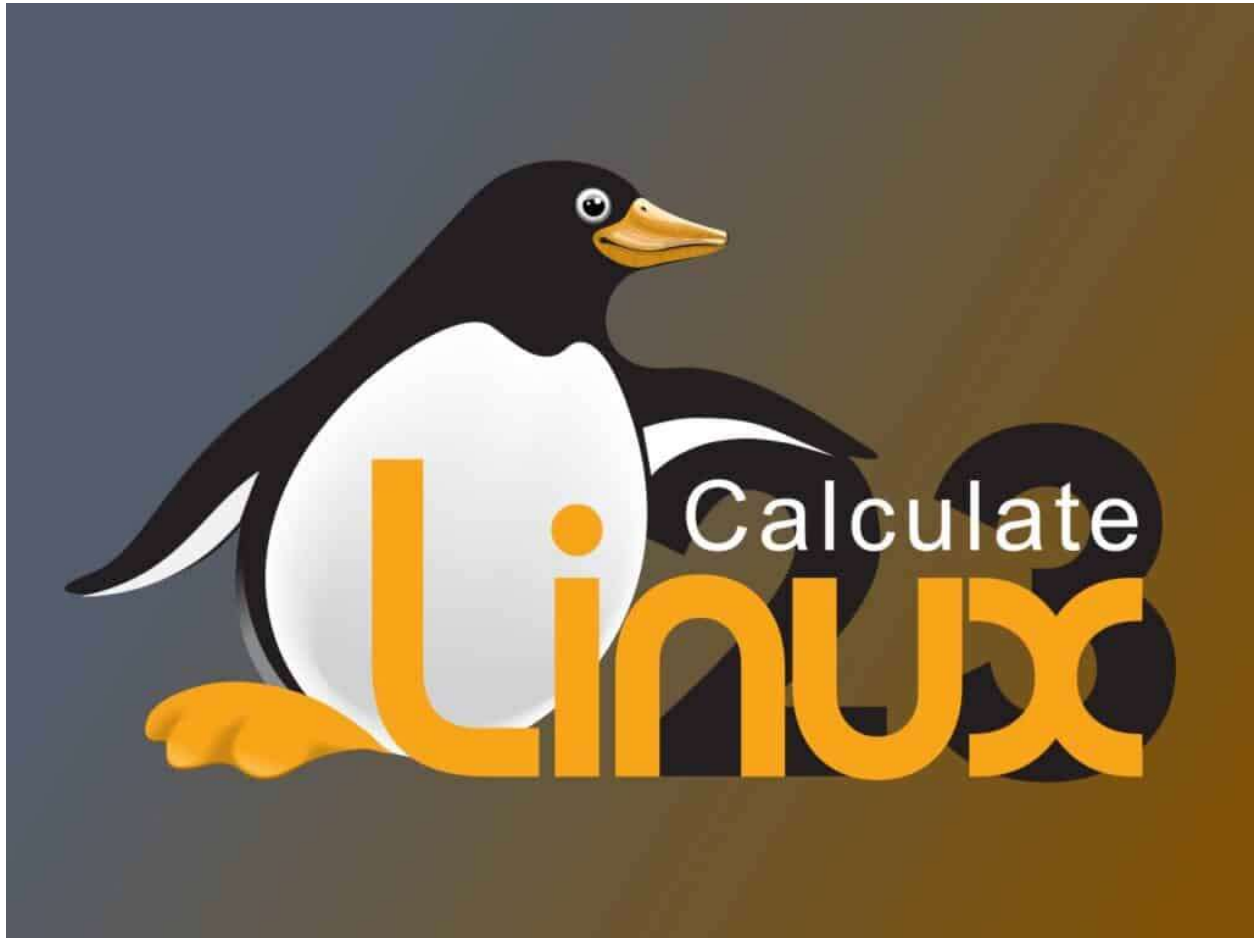
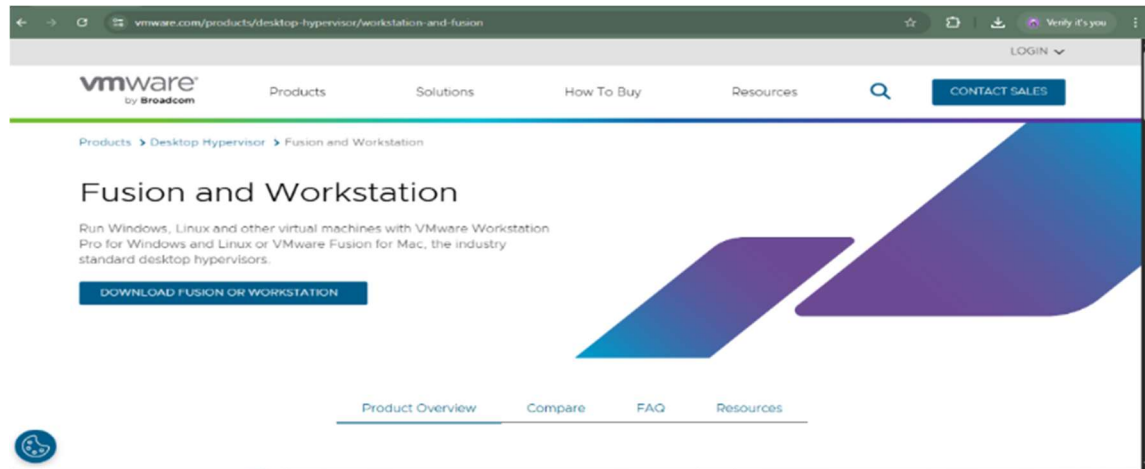


## INSTALLATION OF CALCULATE LINUX OS



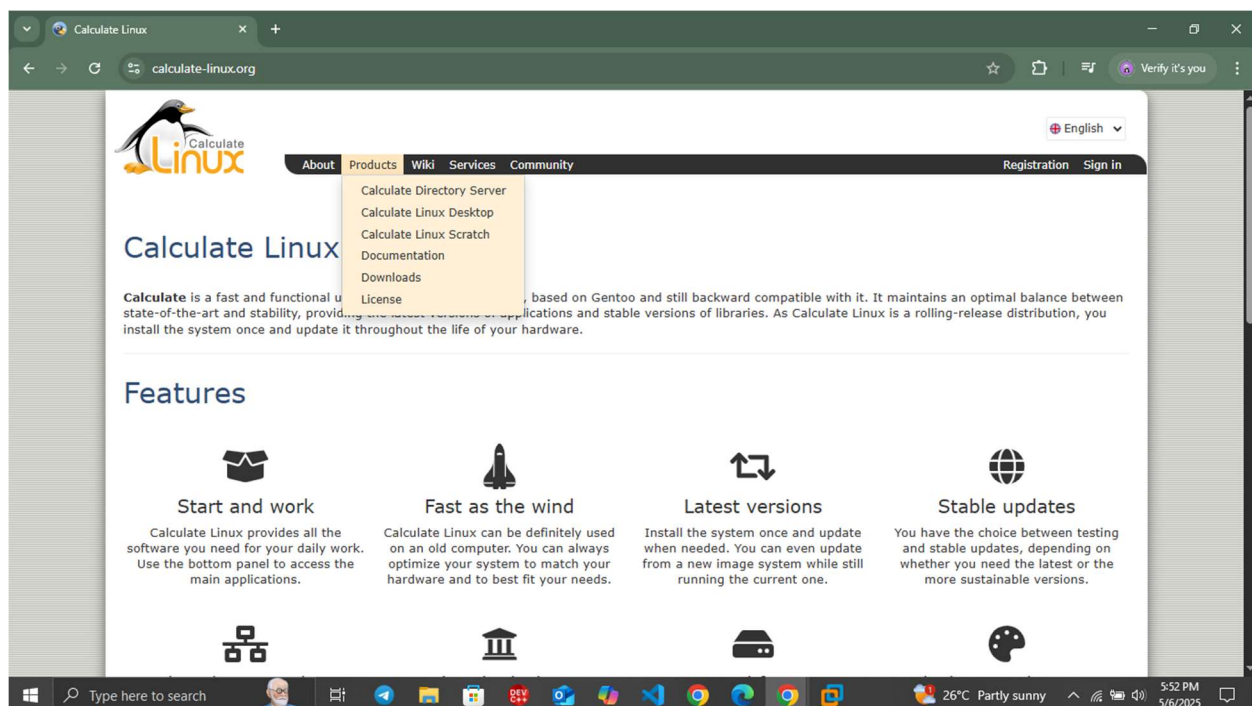
## i. Setting Up VMware

Download and install VMware Workstation from its official website.( Choose the version compatible with your operating system.)

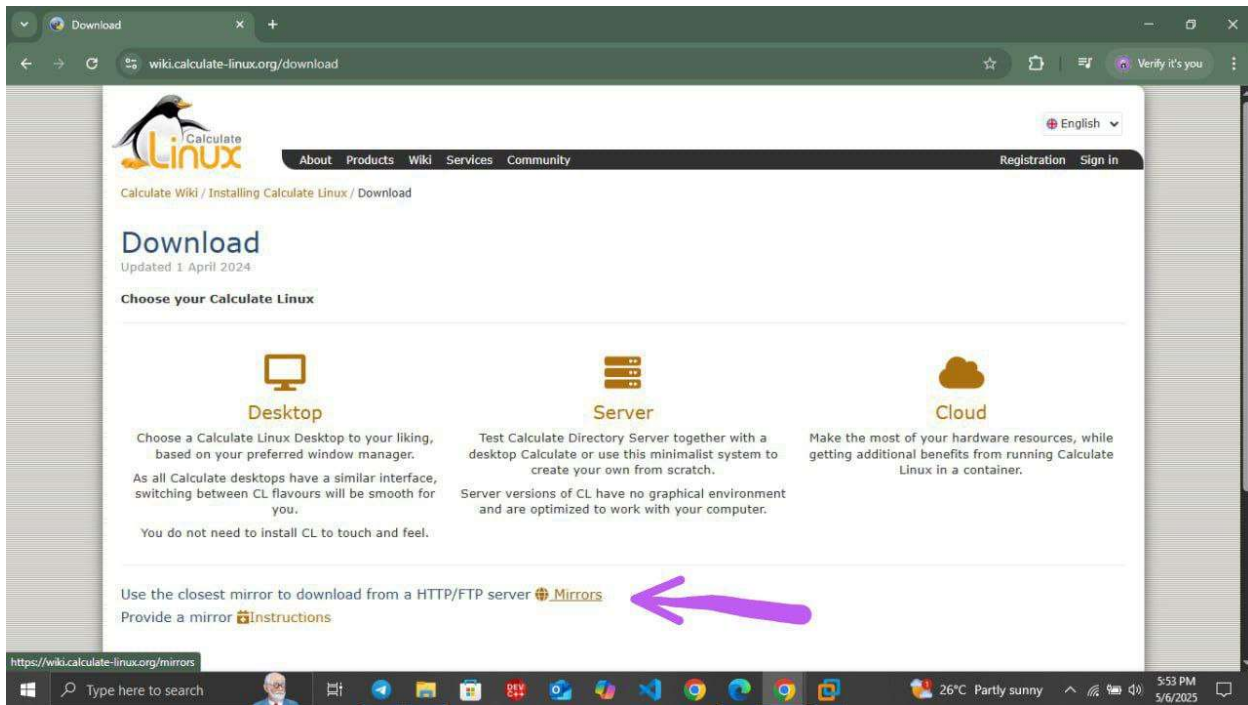


## ii. download the calculate Linux os iso file

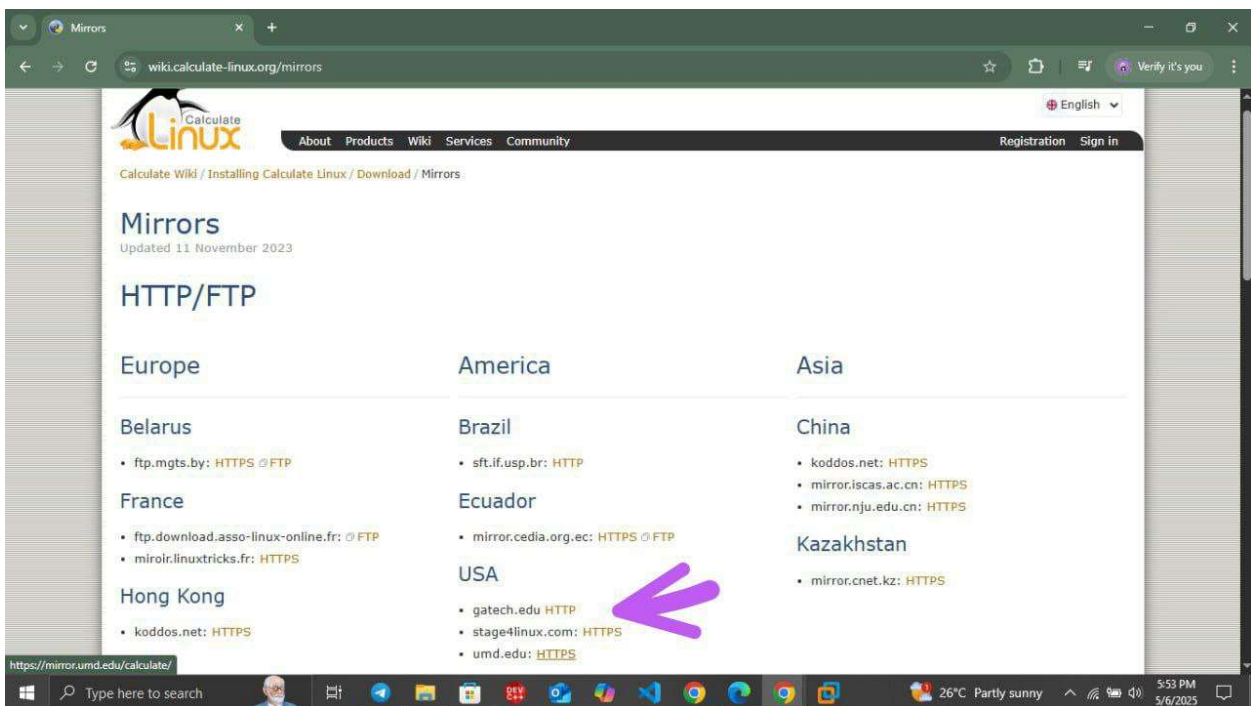
1. go to calculate linux os official website

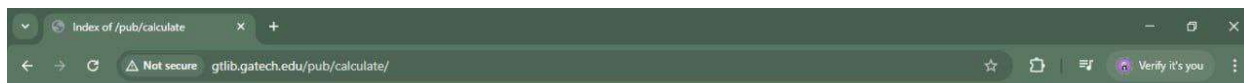


## 2. click on download and select mirrors



## 3. Select getch.edu HTTP





## Index of /pub/calculate

| Name                             | Last modified    | Size | Description |
|----------------------------------|------------------|------|-------------|
| <a href="#">Parent Directory</a> | -                | -    | -           |
| <a href="#">gcp/</a>             | 2021-10-28 10:31 | -    | -           |
| <a href="#">mirrors.list</a>     | 2020-10-13 02:46 | 1.0K | -           |
| <a href="#">release/</a>         | 2021-05-22 10:19 | -    | -           |
| <a href="#">source/</a>          | 2021-06-07 09:29 | -    | -           |
| <a href="#">themes/</a>          | 2020-04-08 05:30 | -    | -           |
| <a href="#">timestamp</a>        | 2021-11-24 02:53 | 11   | -           |

Apache/2.4.62 (Red Hat Enterprise Linux) Server at www.gtlib.gatech.edu Port 80



## Index of /pub/calculate/release

| Name                             | Last modified    | Size | Description |
|----------------------------------|------------------|------|-------------|
| <a href="#">Parent Directory</a> | -                | -    | -           |
| <a href="#">21/</a>              | 2021-04-27 10:56 | -    | -           |

Apache/2.4.62 (Red Hat Enterprise Linux) Server at www.gtlib.gatech.edu Port 80



#### 4. Select the specific iso file for your os and download

Index of /pub/calculate/release/21

| Name  | Last modified    | Size | Description |
|---|------------------|------|-------------|
| <a href="#">Parent Directory</a>            | -                | -    | -           |
| <a href="#">cde-21-x86_64.iso</a>           | 2021-04-27 10:11 | 813M |             |
| <a href="#">cde-21-x86_64.iso.torrent</a>   | 2021-04-27 10:56 | 8.2K |             |
| <a href="#">cde-21-x86_64.list</a>          | 2021-04-27 10:11 | 14K  |             |
| <a href="#">cld-21-x86_64.iso</a>           | 2021-04-27 10:11 | 2.9G |             |
| <a href="#">cld-21-x86_64.iso.torrent</a>   | 2021-04-27 10:56 | 30K  |             |
| <a href="#">cld-21-x86_64.list</a>          | 2021-04-27 10:11 | 36K  |             |
| <a href="#">clde-21-x86_64.iso</a>          | 2021-04-27 10:11 | 2.7G |             |
| <a href="#">clde-21-x86_64.iso.torrent</a>  | 2021-04-27 10:56 | 27K  |             |
| <a href="#">clde-21-x86_64.list</a>         | 2021-04-27 10:11 | 32K  |             |
| <a href="#">cldl-21-x86_64.iso</a>          | 2021-04-27 10:12 | 2.7G |             |
| <a href="#">cldl-21-x86_64.iso.torrent</a>  | 2021-04-27 10:56 | 27K  |             |
| <a href="#">cldl-21-x86_64.list</a>         | 2021-04-27 10:12 | 31K  |             |
| <a href="#">cldm-21-x86_64.iso</a>          | 2021-04-27 10:12 | 2.8G |             |
| <a href="#">cldm-21-x86_64.iso.torrent</a>  | 2021-04-27 10:56 | 28K  |             |
| <a href="#">cldm-21-x86_64.list</a>         | 2021-04-27 10:12 | 31K  |             |
| <a href="#">cldx-21-x86_64.iso</a>          | 2021-04-27 10:12 | 2.6G |             |
| <a href="#">cldx-21-x86_64.iso.torrent</a>  | 2021-04-27 10:56 | 27K  |             |
| <a href="#">cldx-21-x86_64.list</a>         | 2021-04-27 10:12 | 31K  |             |
| <a href="#">cldxs-21-x86_64.iso</a>         | 2021-04-27 10:13 | 3.0G |             |
| <a href="#">cldxs-21-x86_64.iso.torrent</a> | 2021-04-27 10:56 | 30K  |             |

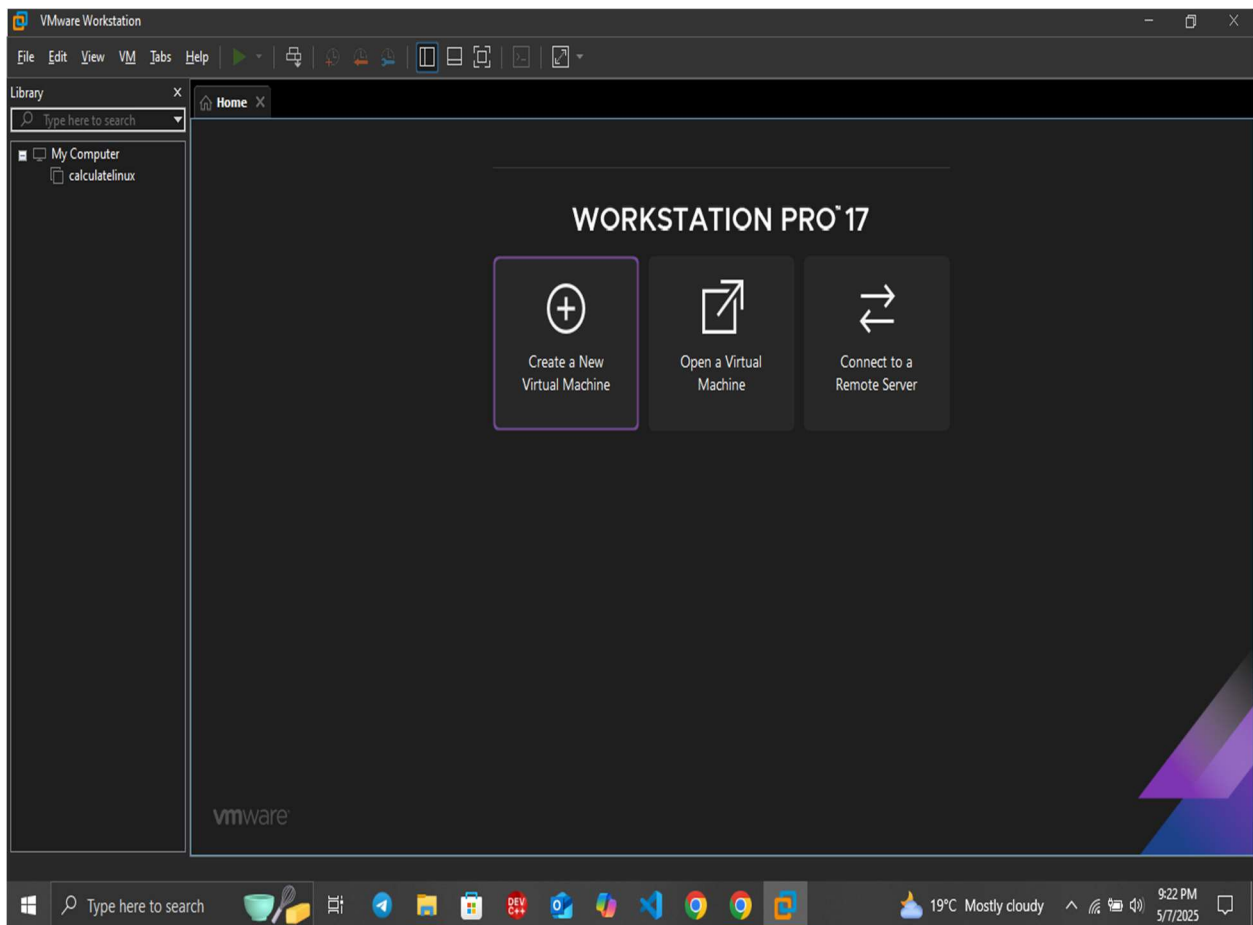
Recent download history

- cld-21-x86\_64.iso  
0.0/2.9 GB • 9 hours left

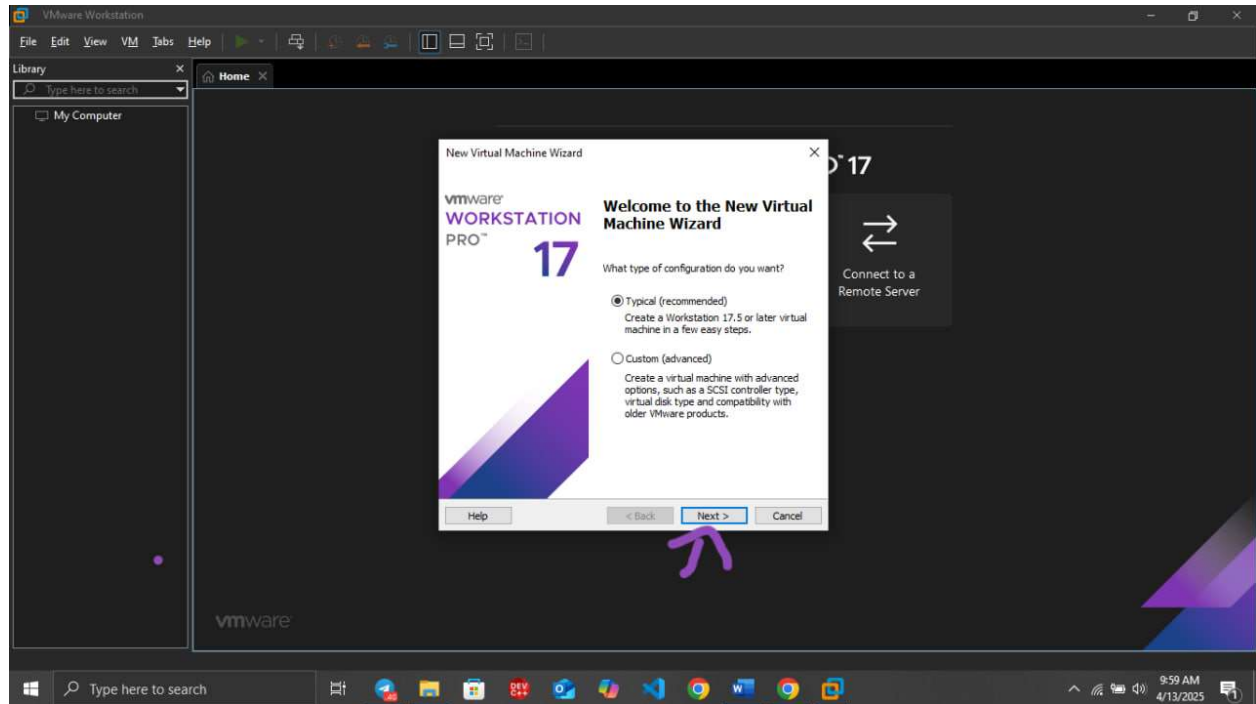
Full download history

❖ AFTER DOWNLOADING THE ISO FILE IT'S TIME TO CREATE A VIRTUAL MACHINE ON VMWARE

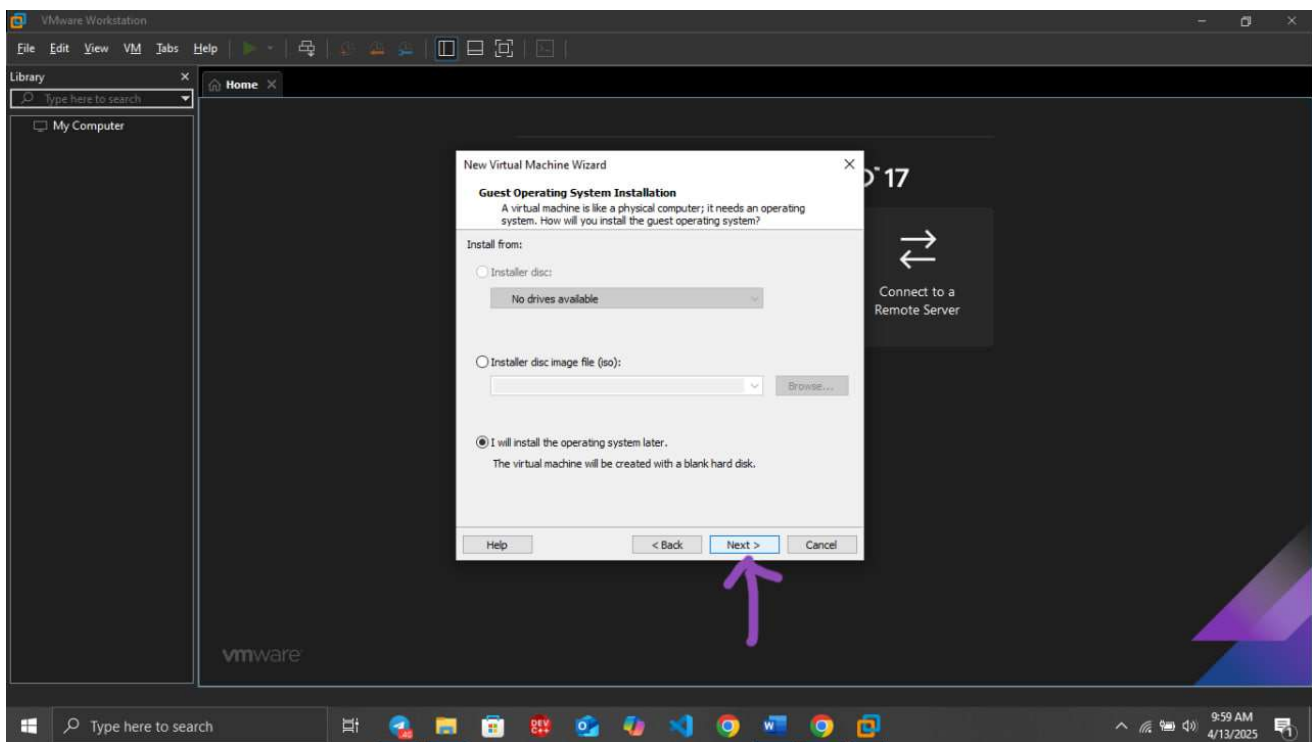
1. Create a new virtual machine and allocate resources (RAM, disk space, etc.).  
Click on "Create a New Virtual Machine" on the main VMware



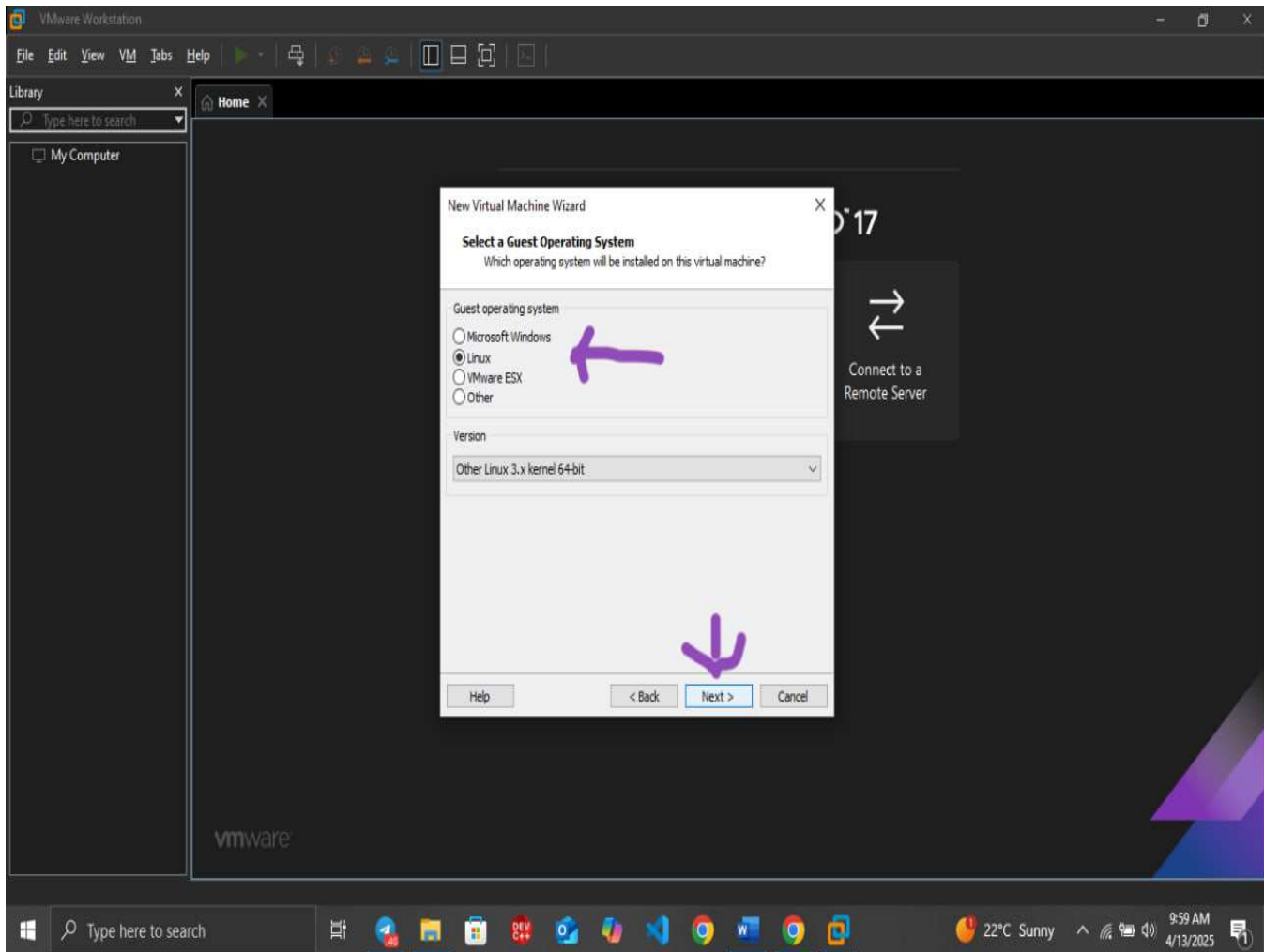
2. select the typical option and click on next



3. Follow the on-screen instructions to complete the installation process.



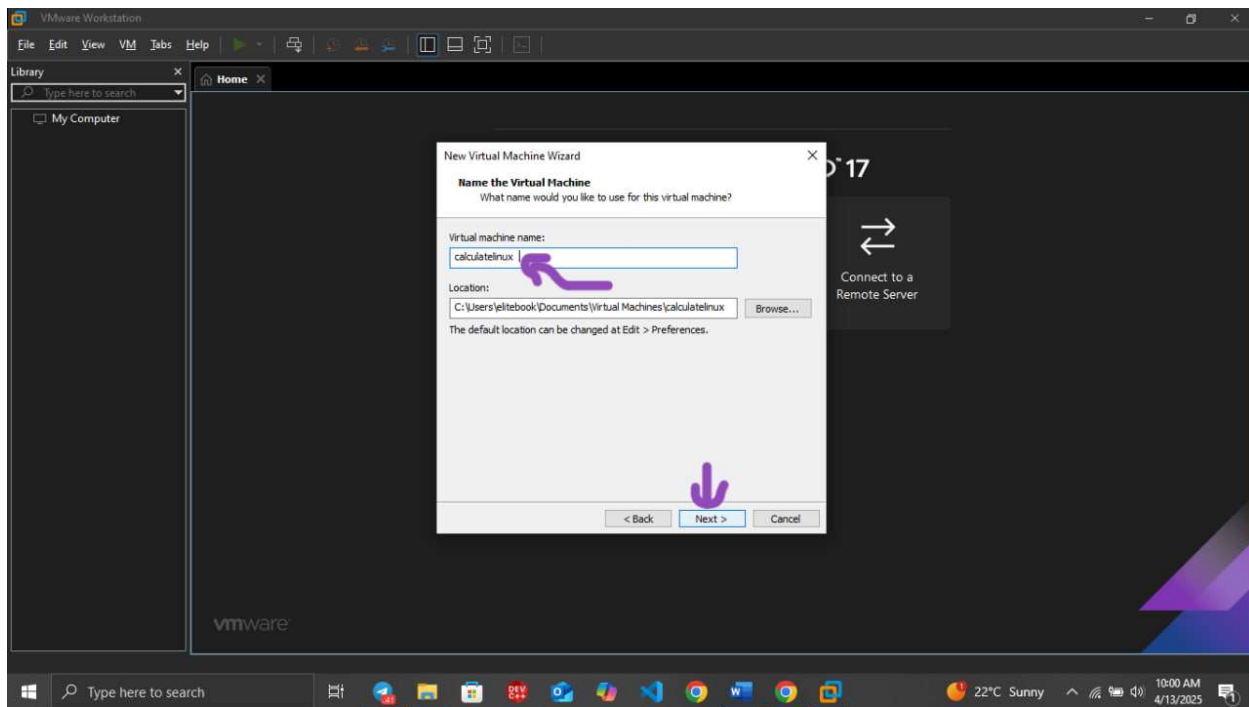
4. Click on Linux and the version to other Linux 3.x kernel 64-bit and next



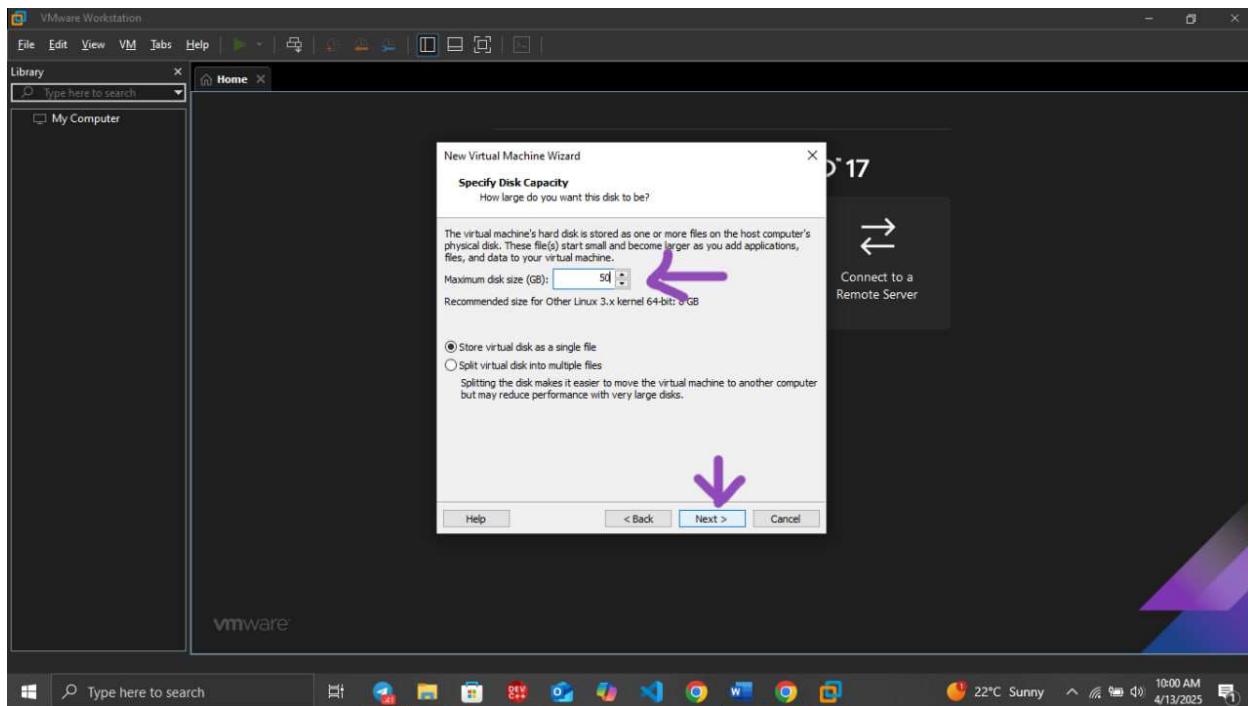


## 5. Select the Installation Method

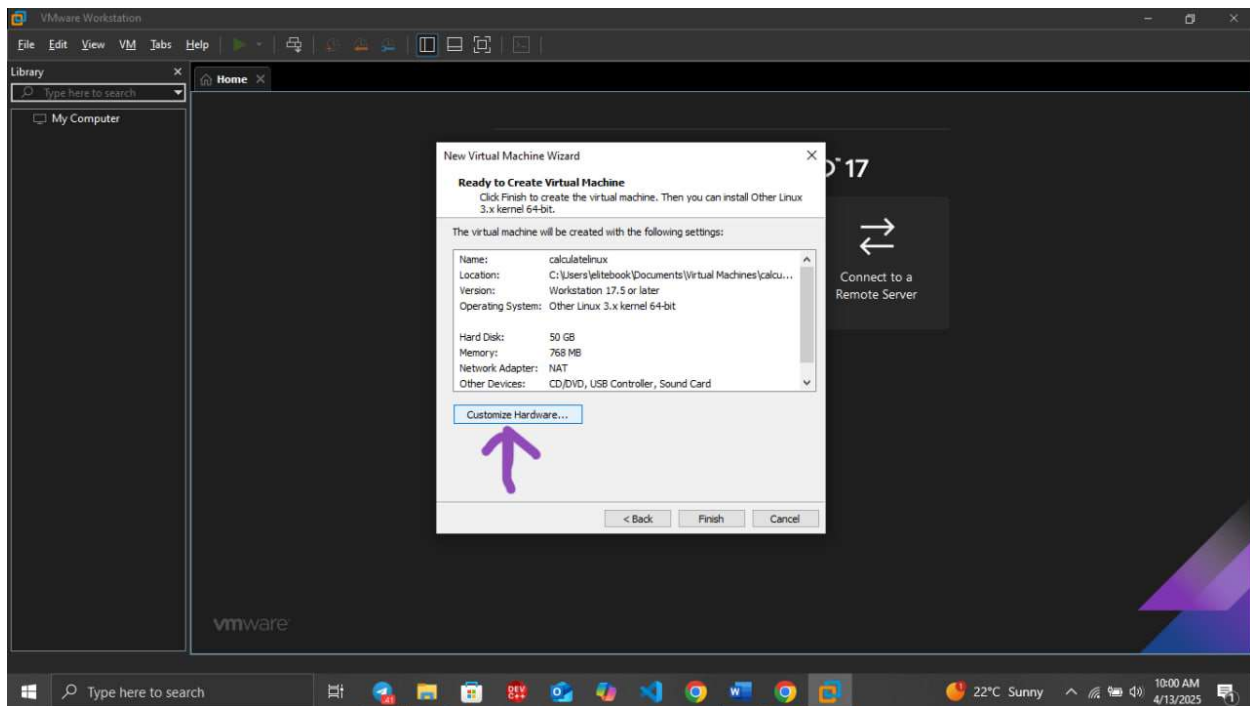
Set the virtual machine name to : calculatelinux



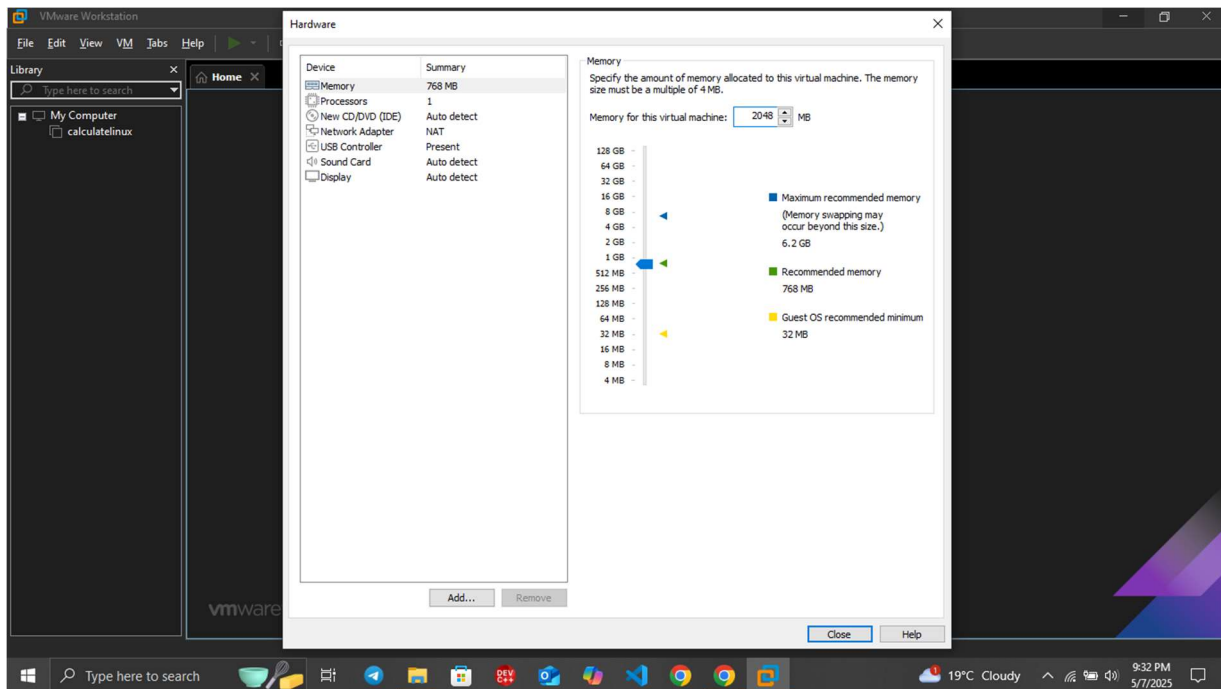
## 6. Specify the size and where to store



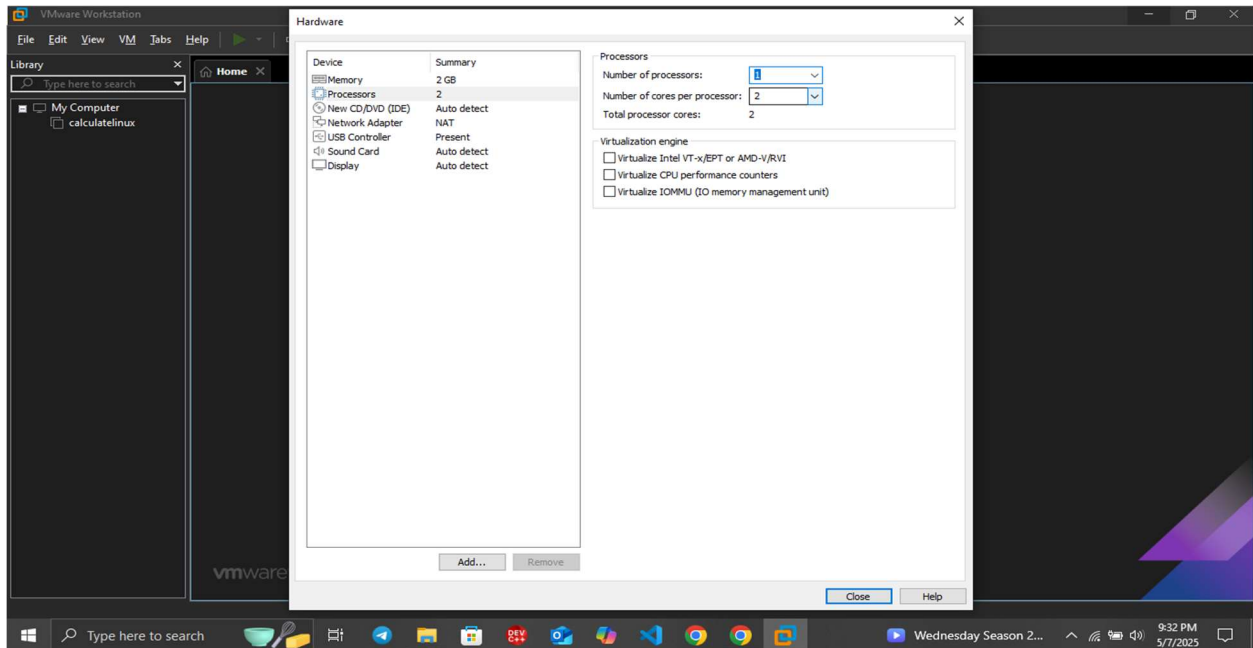
## 7. Customize the Hardware



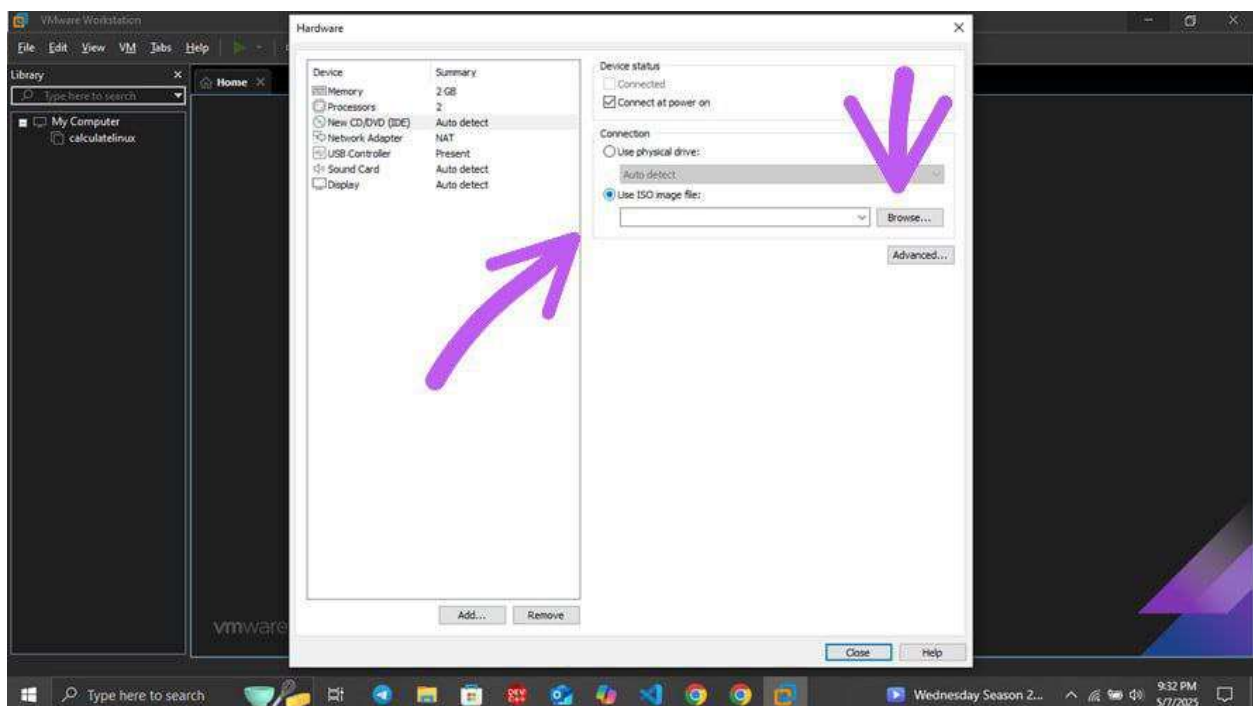
- Memory



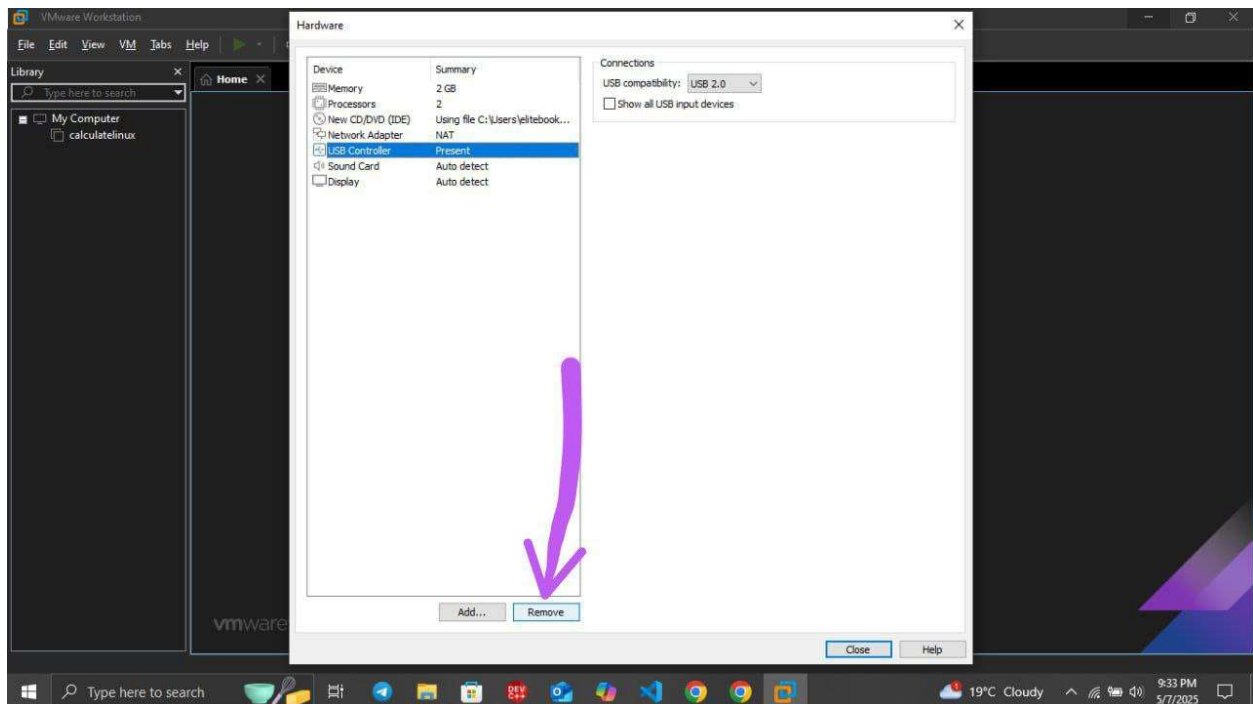
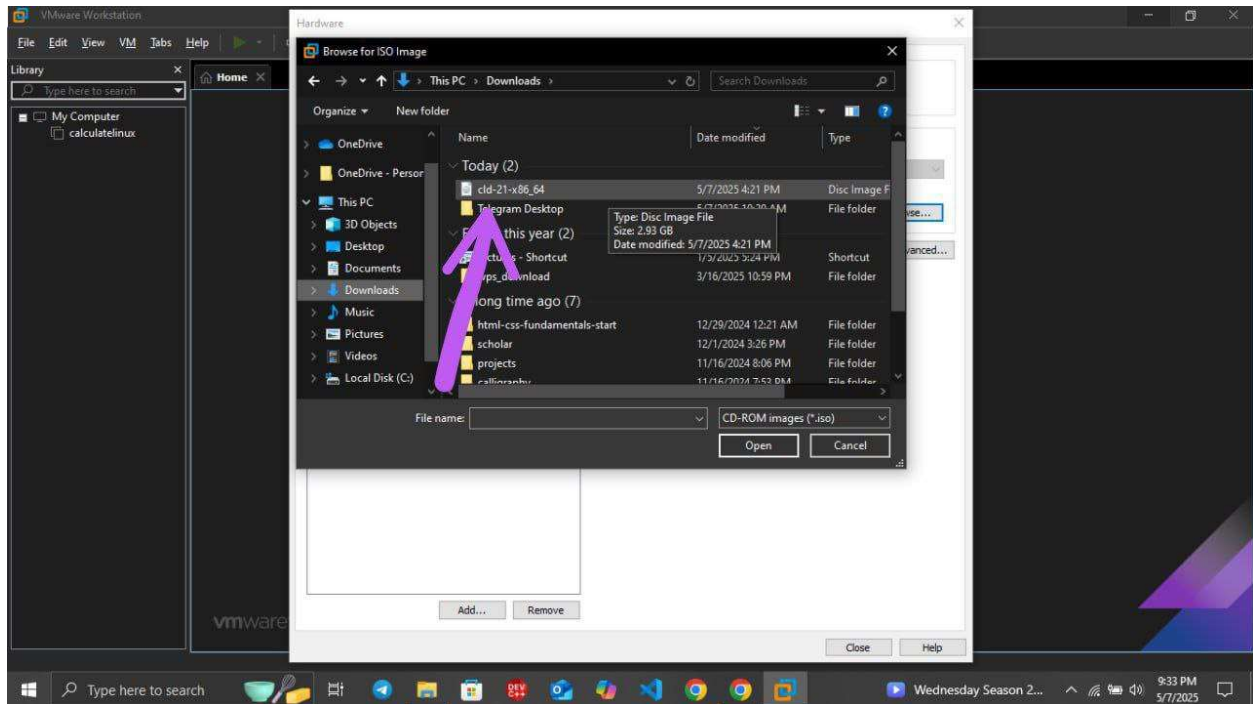
- Processor

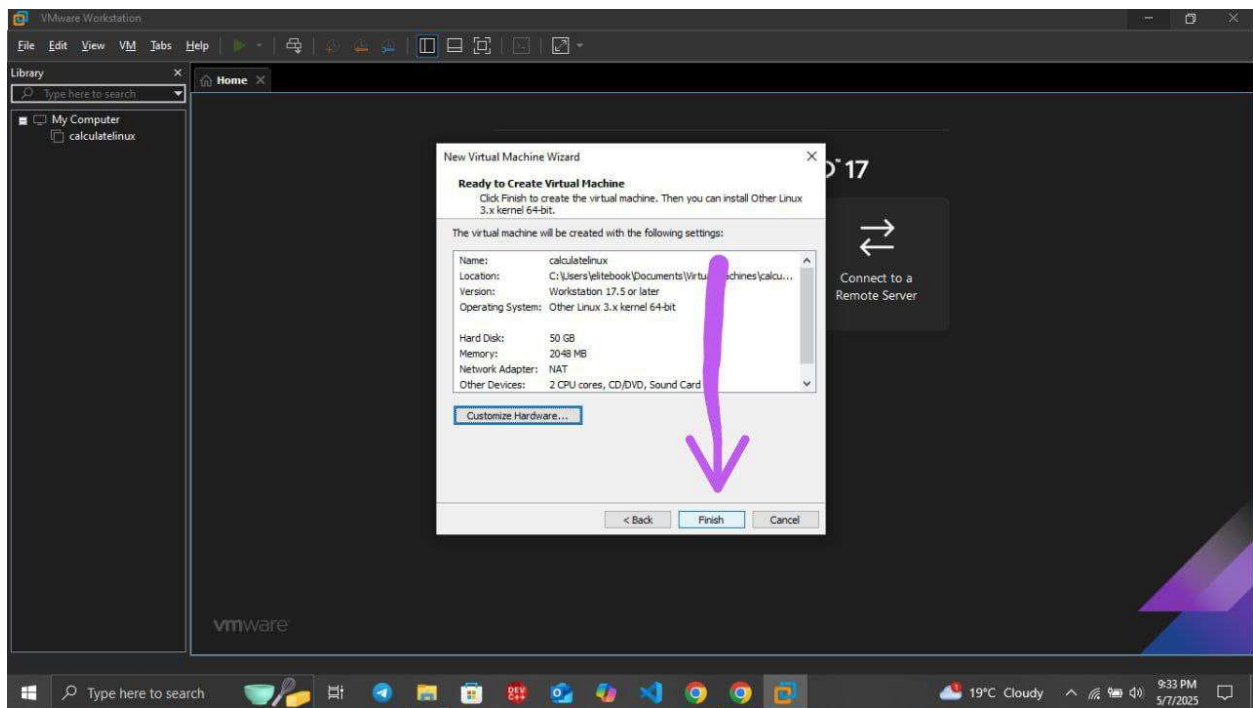
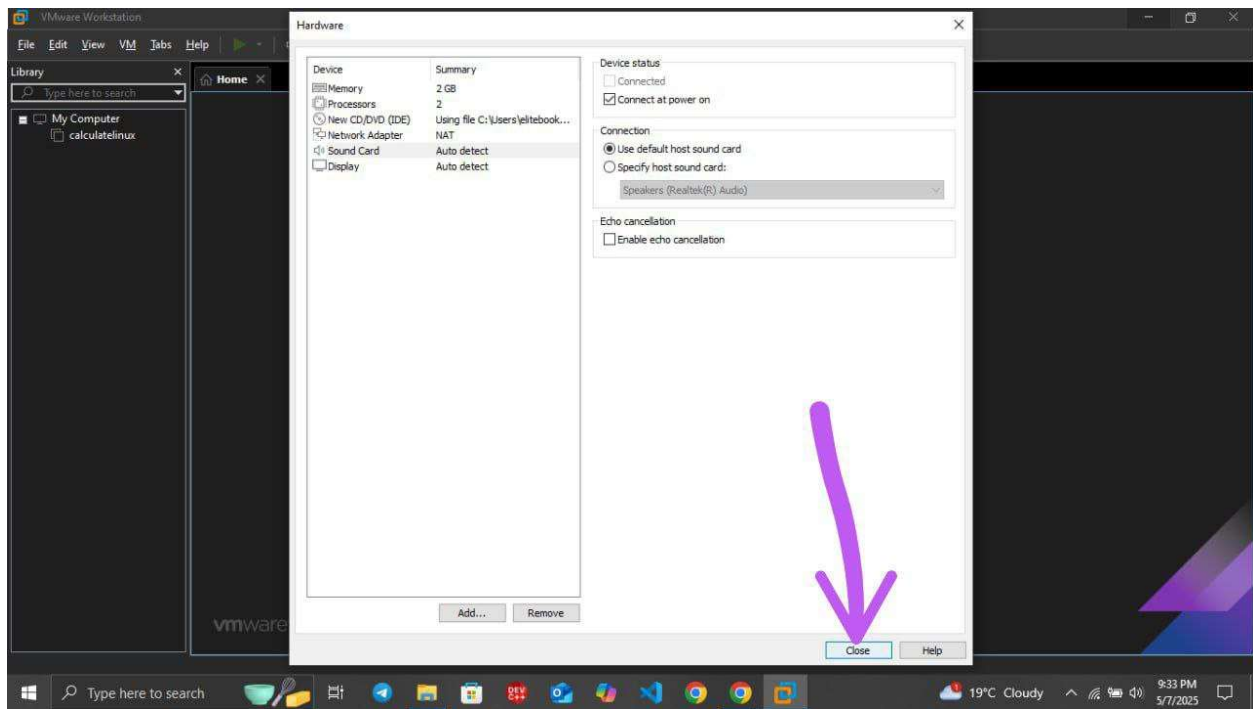


- Choose "Installer disc image file (iso)", then click Browse and select the Calculate Linux ISO file.
- Attach the ISO file of the operating system you want to install (e.g., Calculate Linux). The virtual machine will boot from the attached ISO file, allowing you to proceed with the installation of Calculate Linux.



8. Follow the on-screen instructions to complete the installation process.

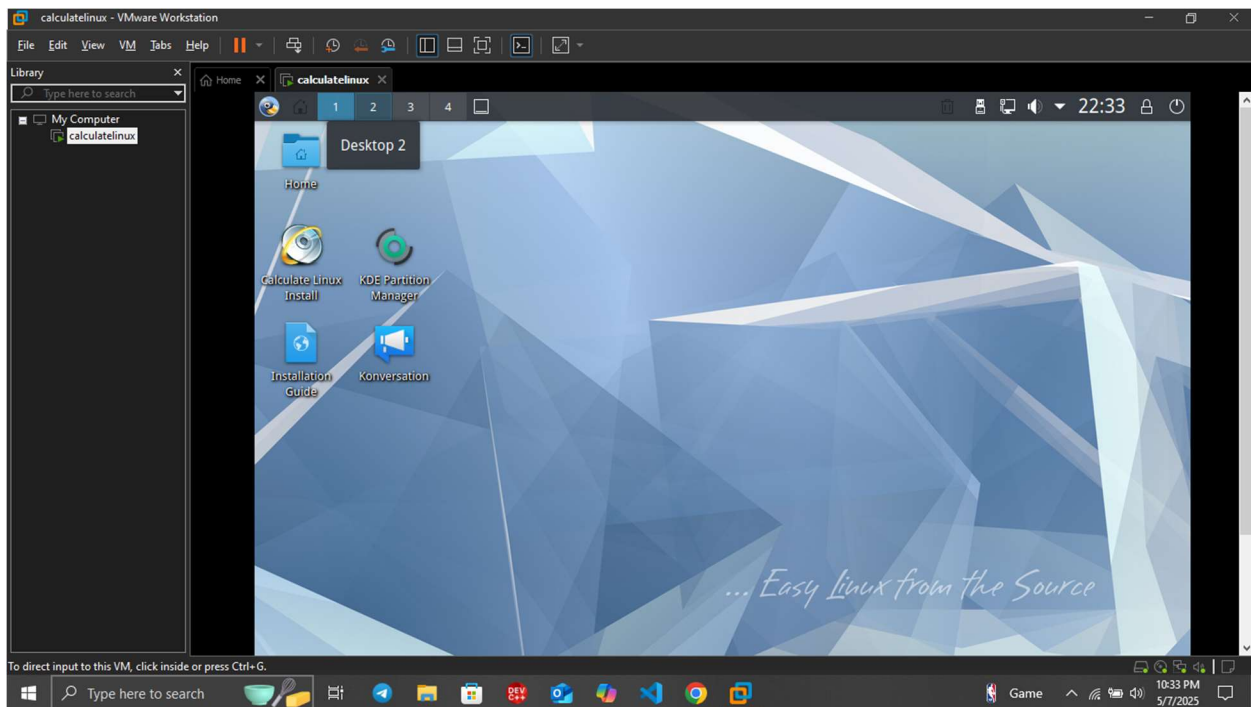
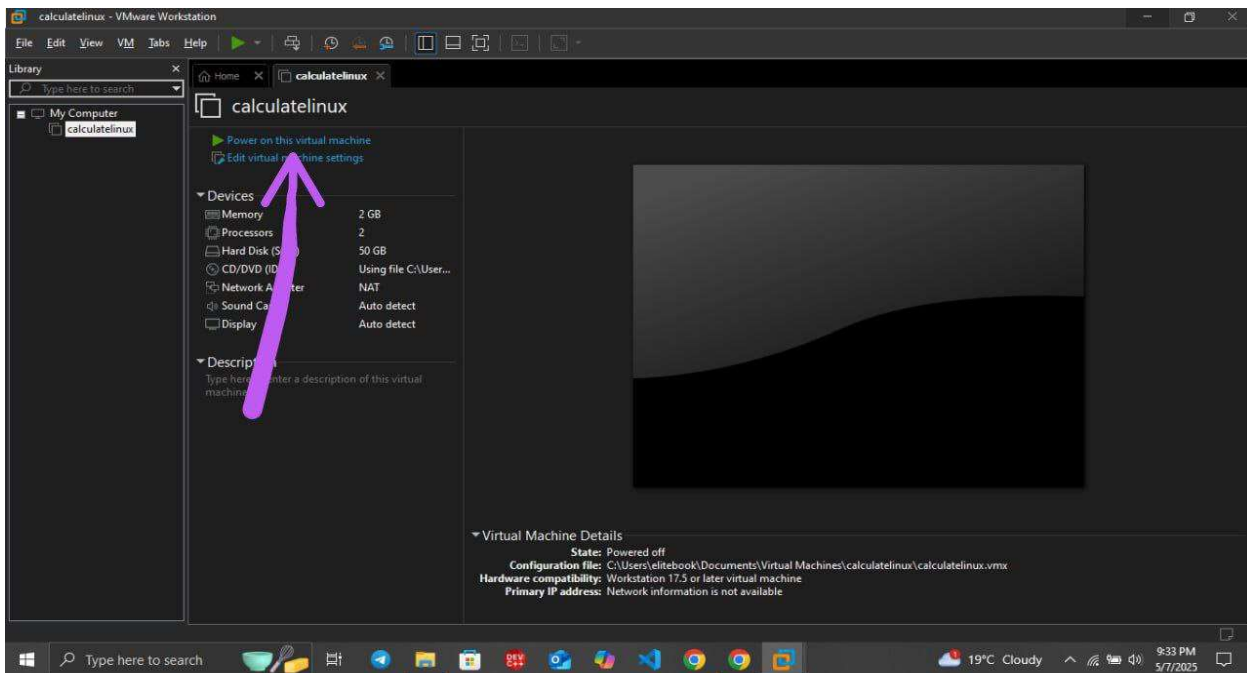




## 9. Installing Calculate Linux OS

### 1. Boot Menu: power on the virtual machine in VMware.

- The Calculate Linux ISO file will boot, and you'll see the boot menu.
- Select "Start Calculate Linux" from the boot menu.

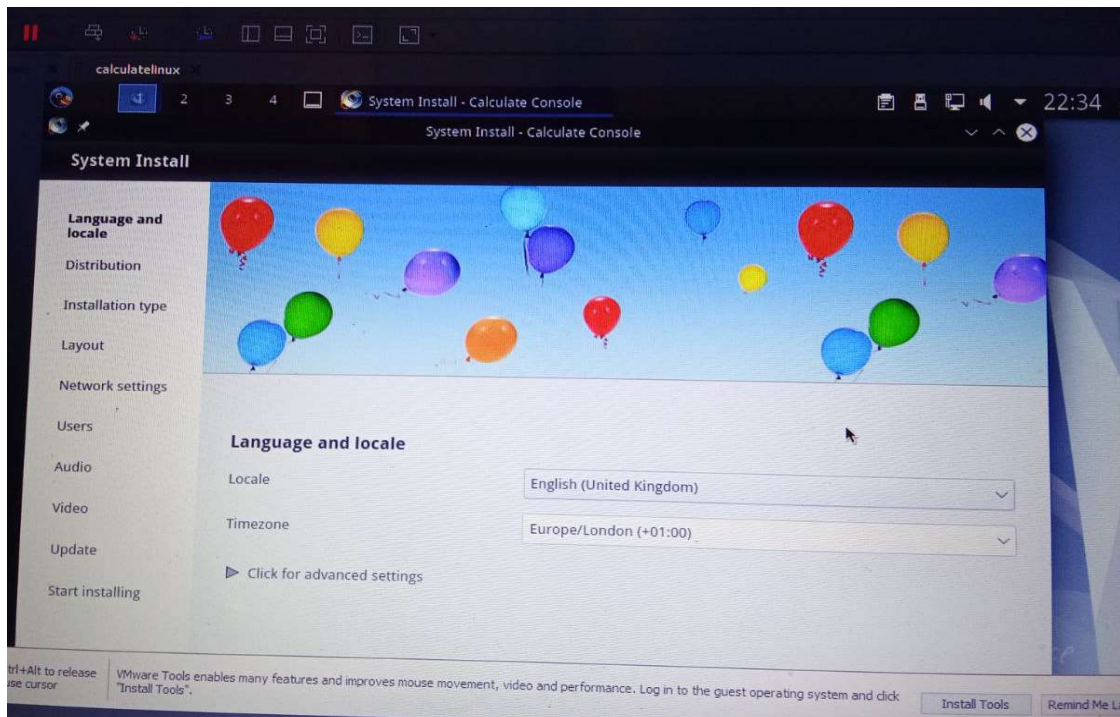




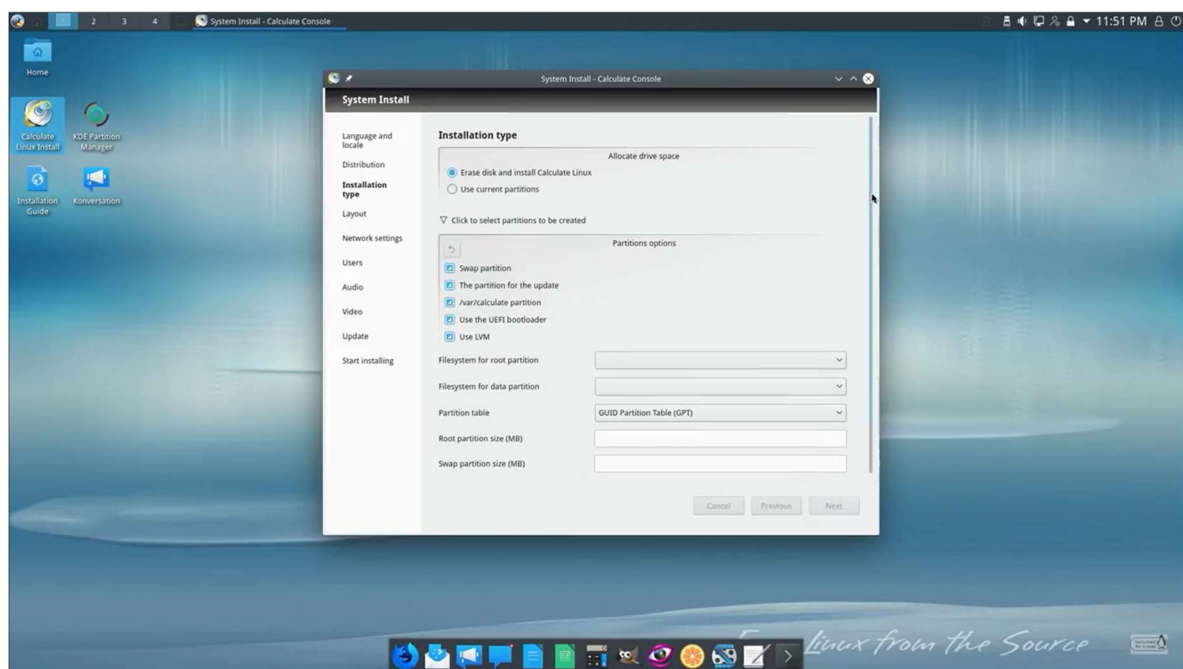
AFTER YOU CLICK CALCULATE LINUX INSTALL YOU WILL BE DIRECTED TO

## 1. Language and locale

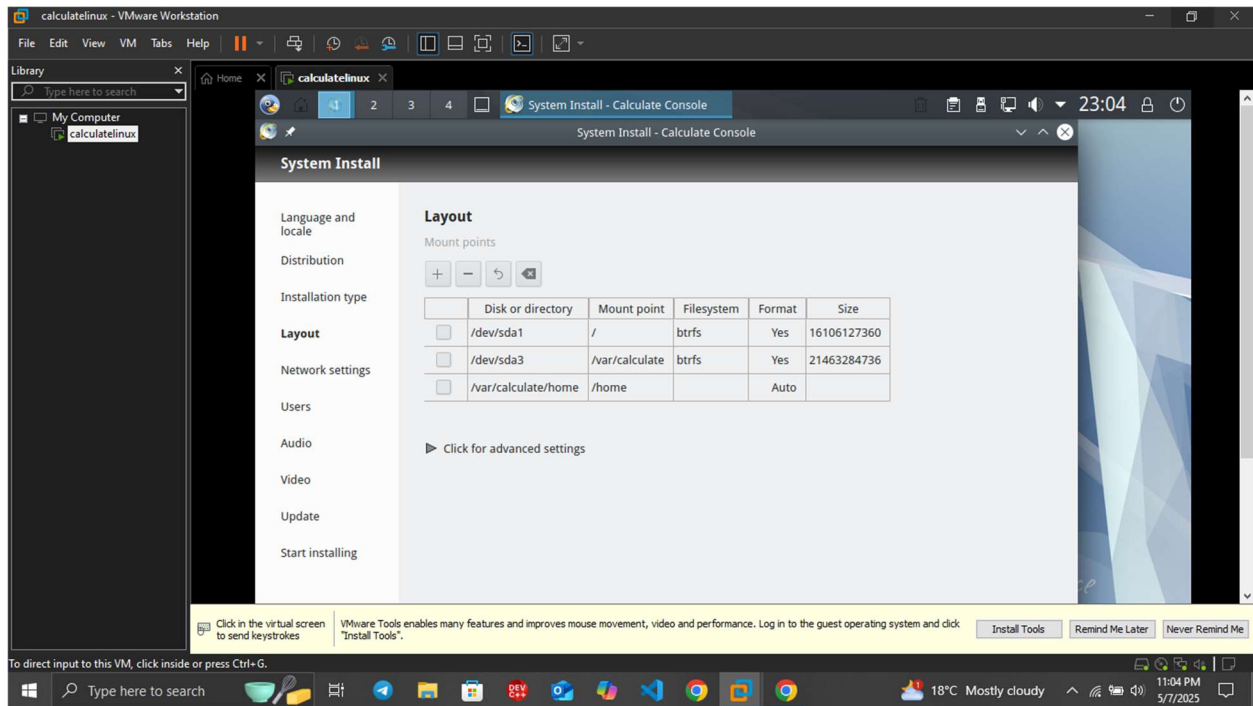
Language Selection: Once the live environment loads, you'll be prompted to select your preferred language.



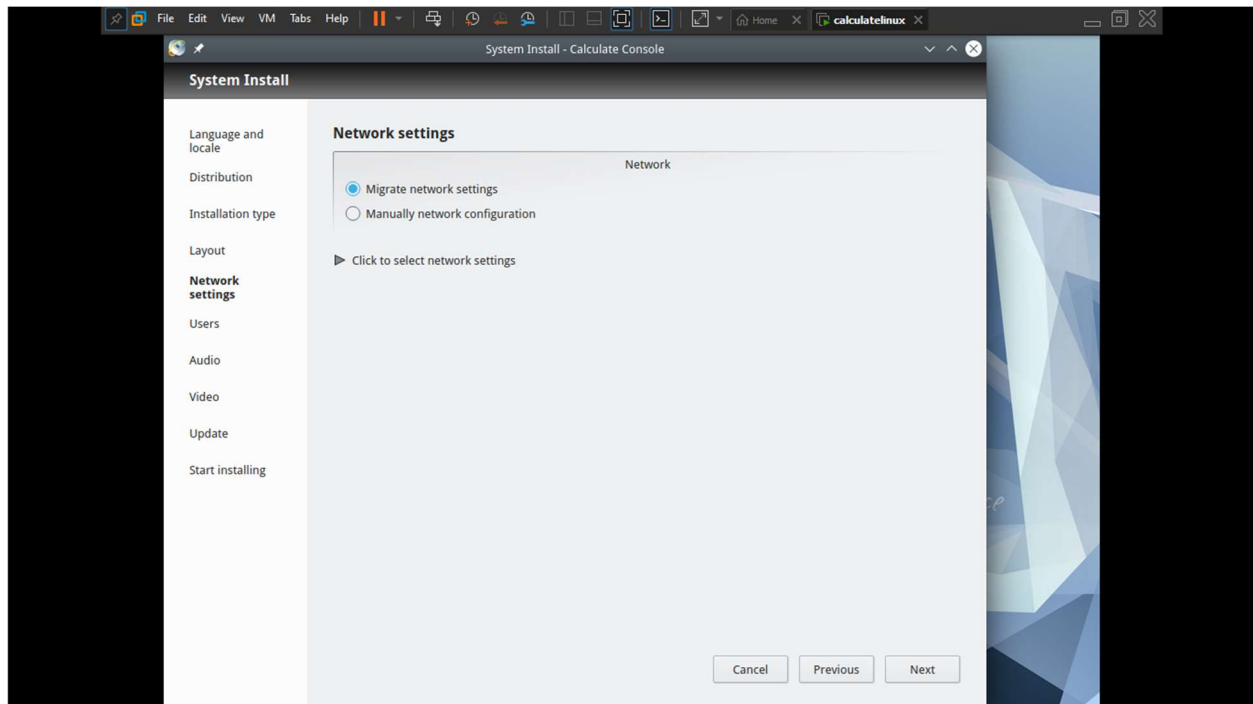
## 2. Installation type



## 2. Layout



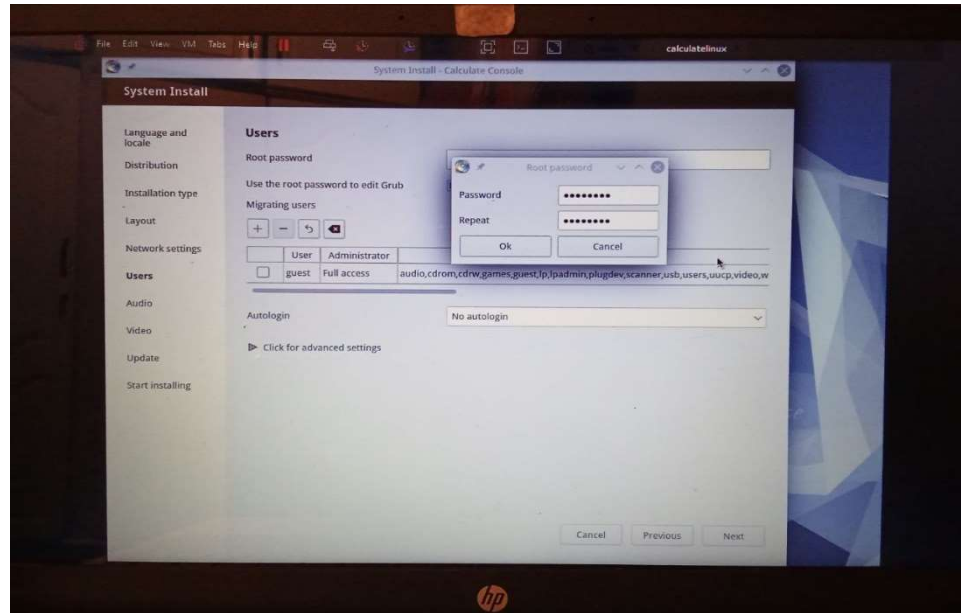
## 3. Network setting





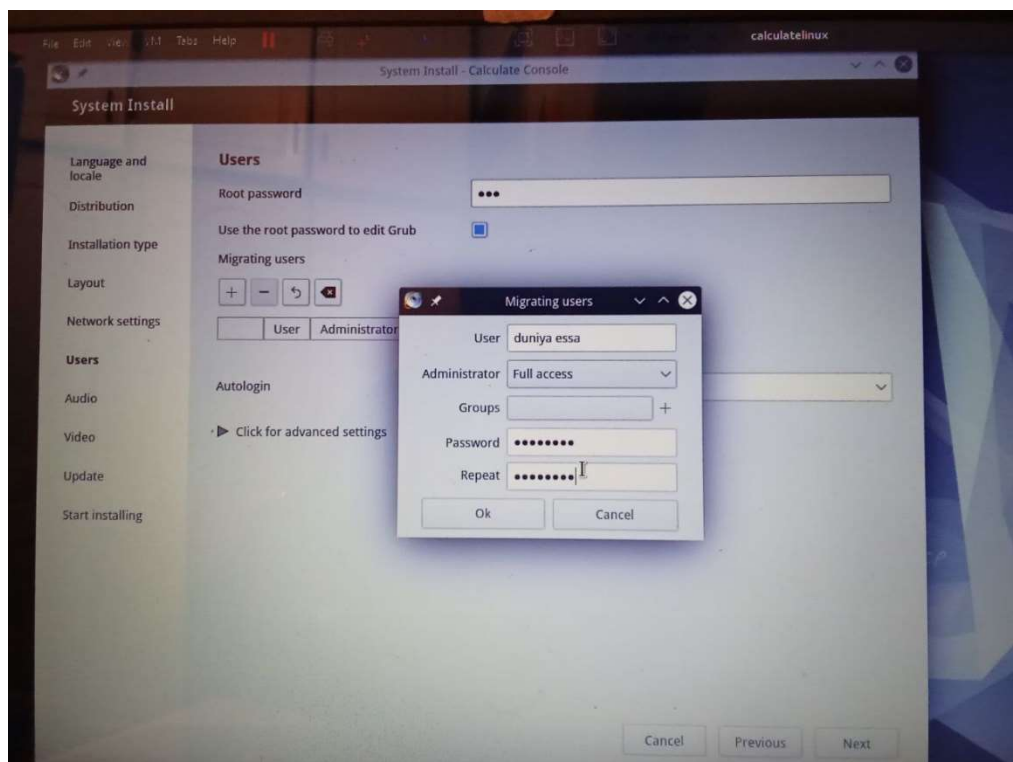
#### 4. User Account Creation

1. Root Account :Set a password for the root (administrator) account. This is essential for performing system-level tasks



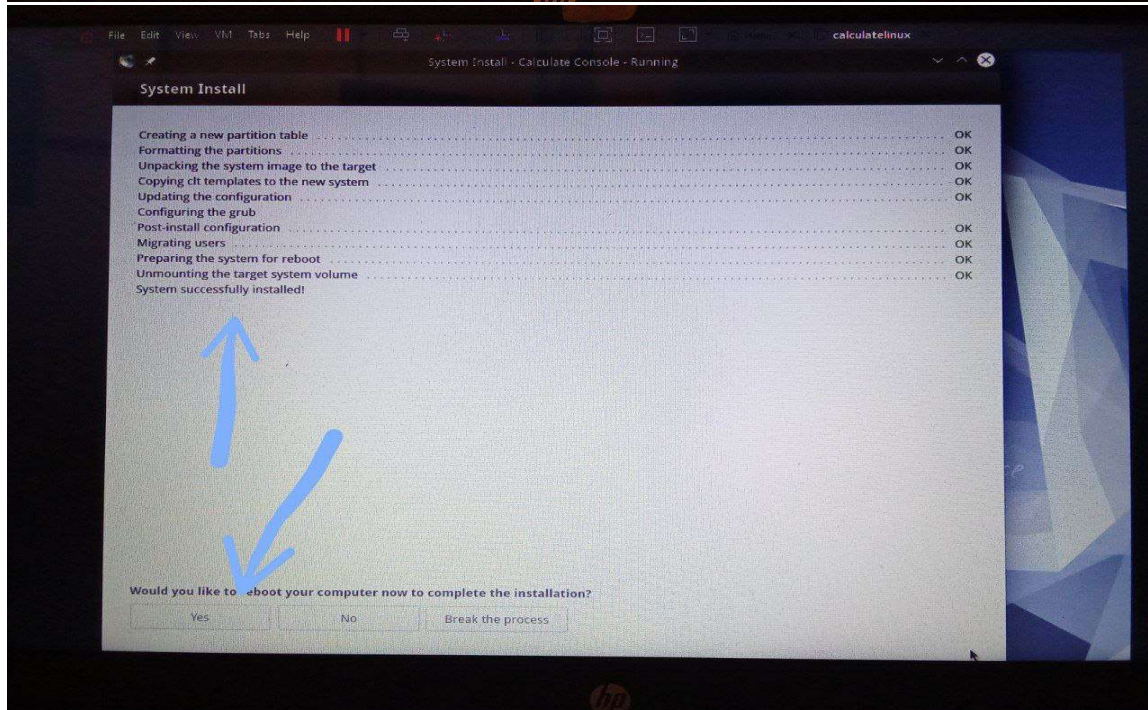
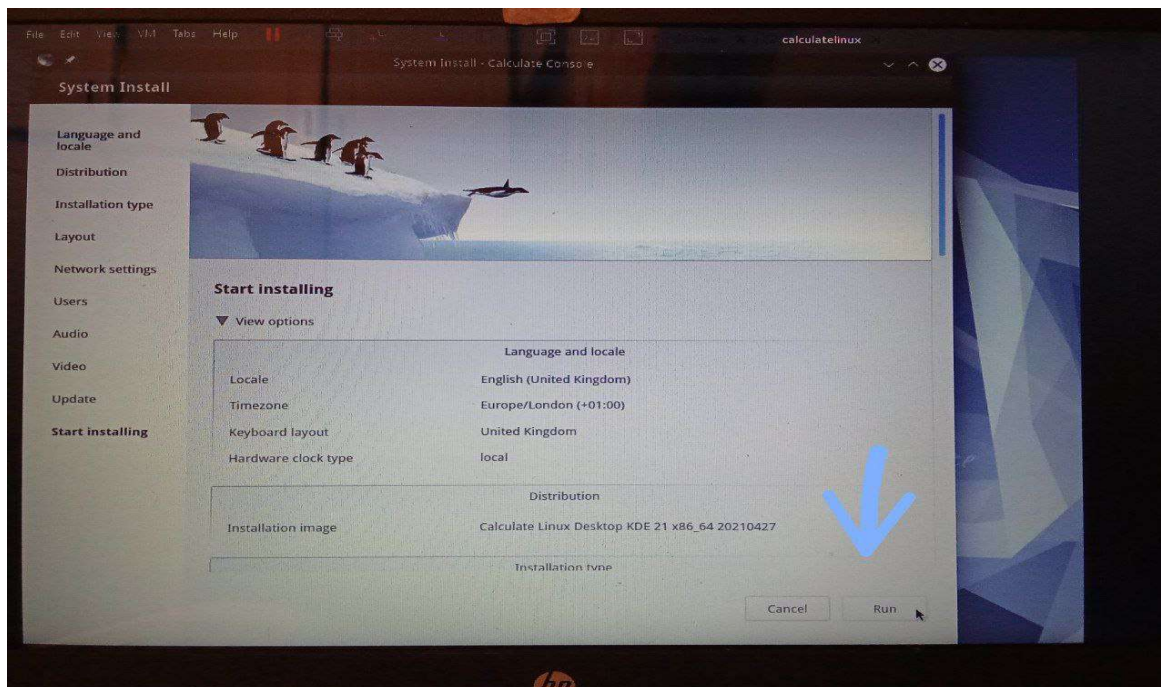
#### 2. Set Up User Account:

- Enter your full name as the username.
- Create a strong password for your user account.



## 5. Start Installation:

- Confirm and begin the installation process.
- The installer will copy files, configure the system, and set up the bootloader.
- The installation process may take some time, depending on your system's performance.
- Once completed, you'll see a success message.



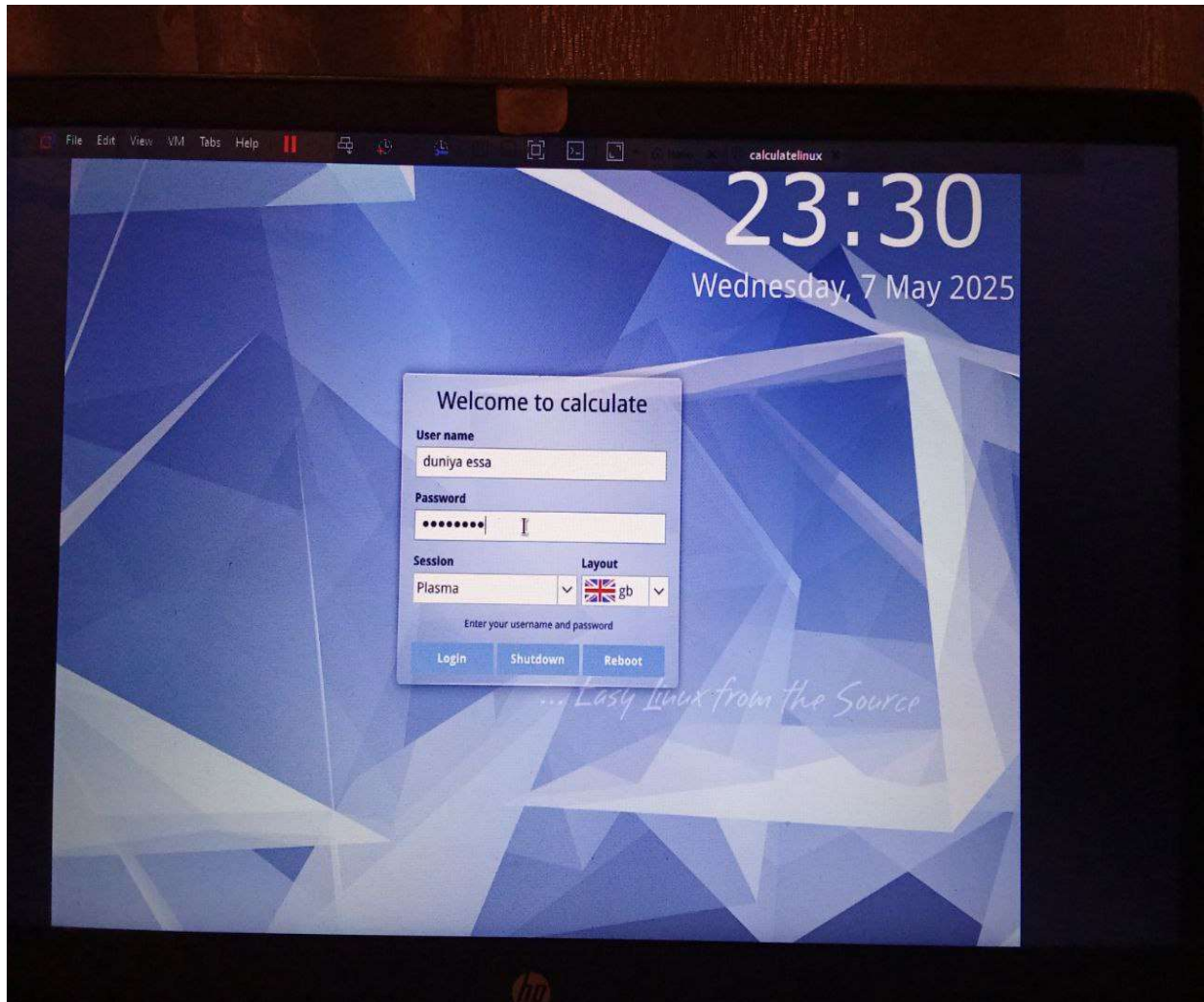
## 6. Reboot the System:

- Remove the ISO file from the virtual machine's CD/DVD drive.
- Restart the virtual machine to boot into the newly installed Calculate Linux.





7. **Log In** : Use the username and password you created during installation to log in.



❖ It should be structured in this manner.

