

NETWORKING & SYSTEM ADMINISTRATION LAB**Experiment No.: 1****Name: SWETHA PRAKASH****Roll No: 46****Batch: B****Date: 21/03/2022****Aim**

Install latest version of Ubuntu on an Oracle VM VirtualBox.

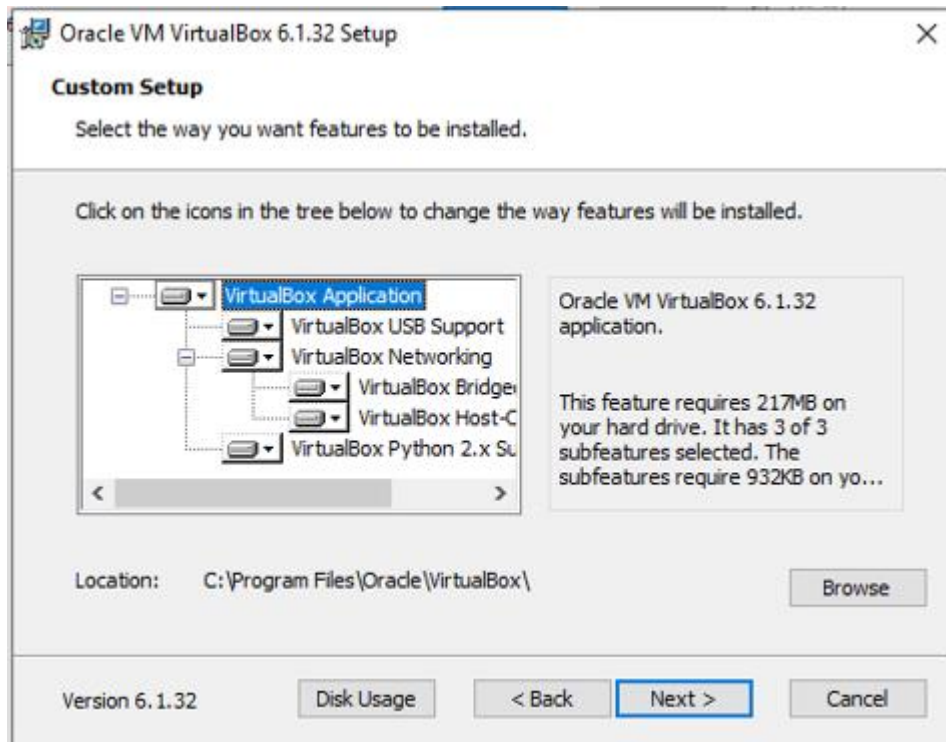
Procedure

Step 1 : Download the Virtualbox and install it.

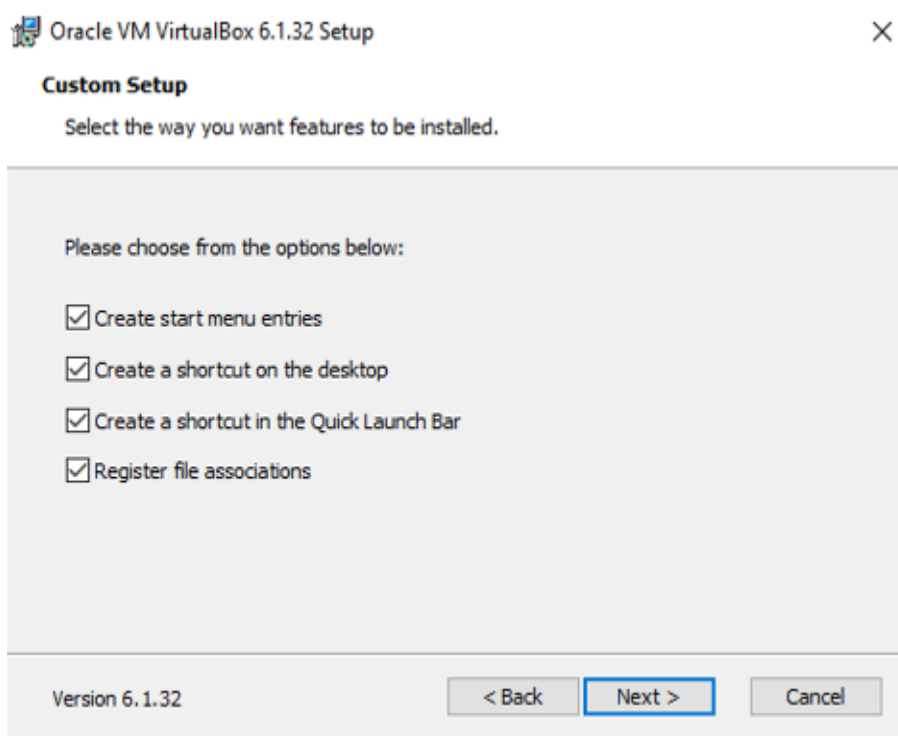
Step 2 : Click on “Next”.



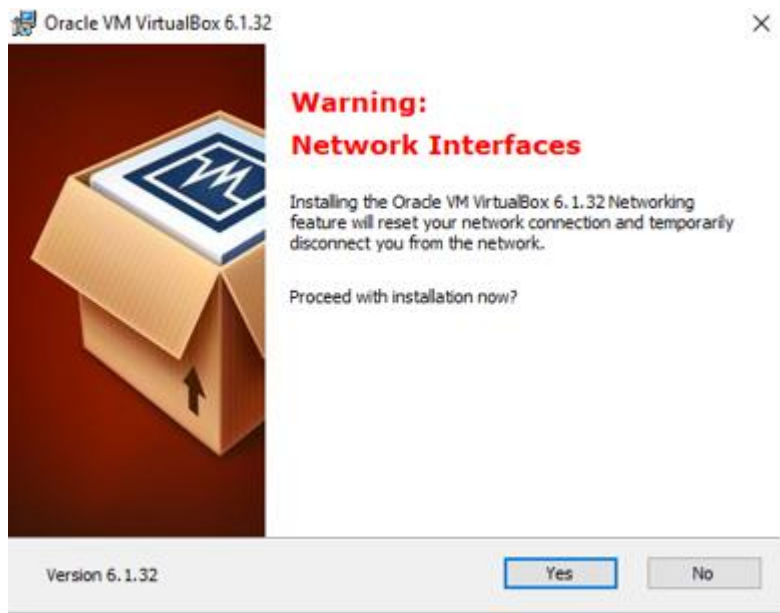
Step 3 : The option VirtualBox Application is already selected by default. Then click on “Next”.



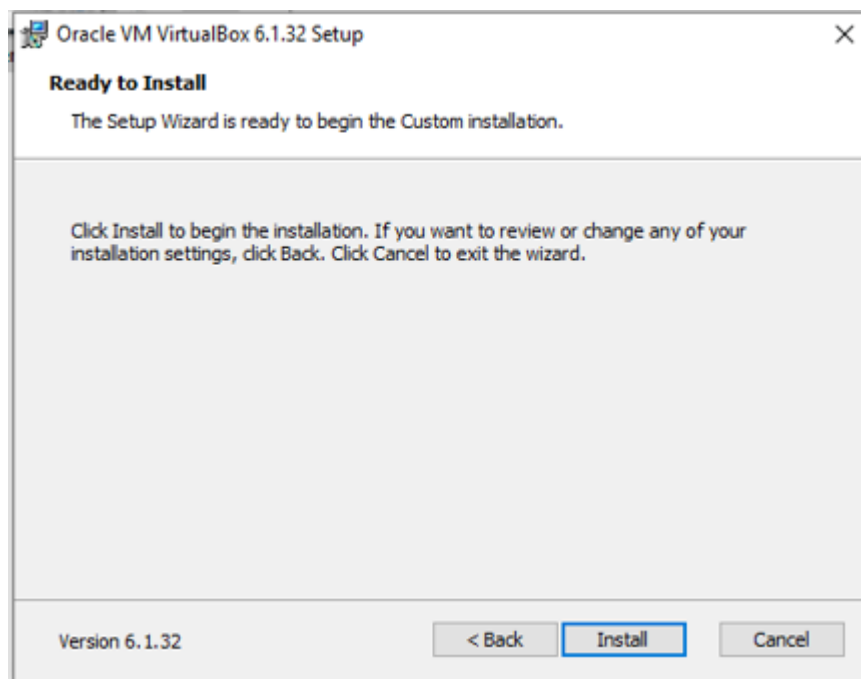
Step 4 : After checking all the boxes click on “Next”.



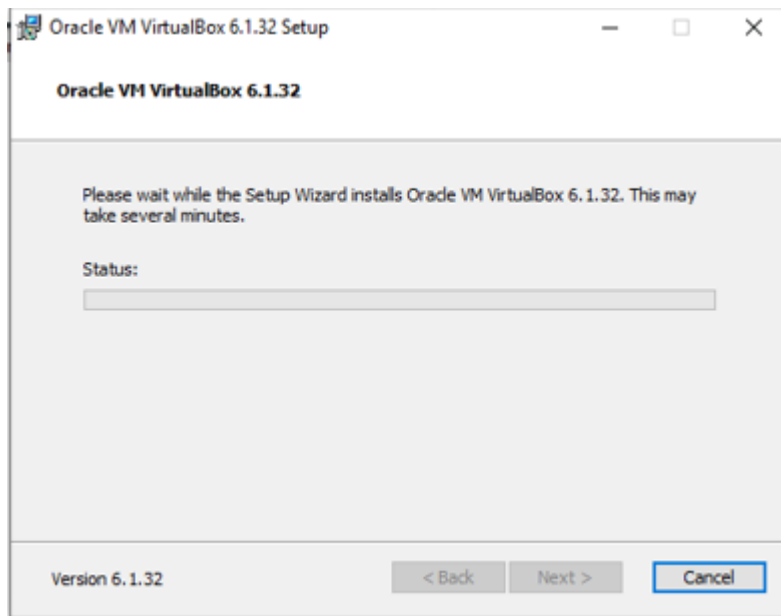
Step 5 : Click on “Yes”.



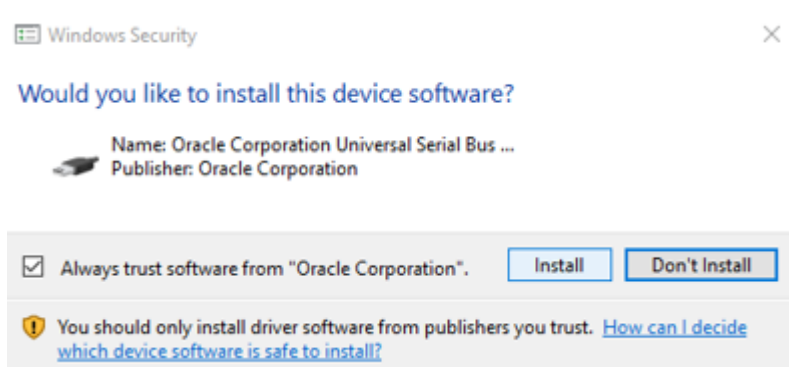
Step 6 : Click on “Install”.



Step 7 : Oracle VM VirtualBox is now setting up.



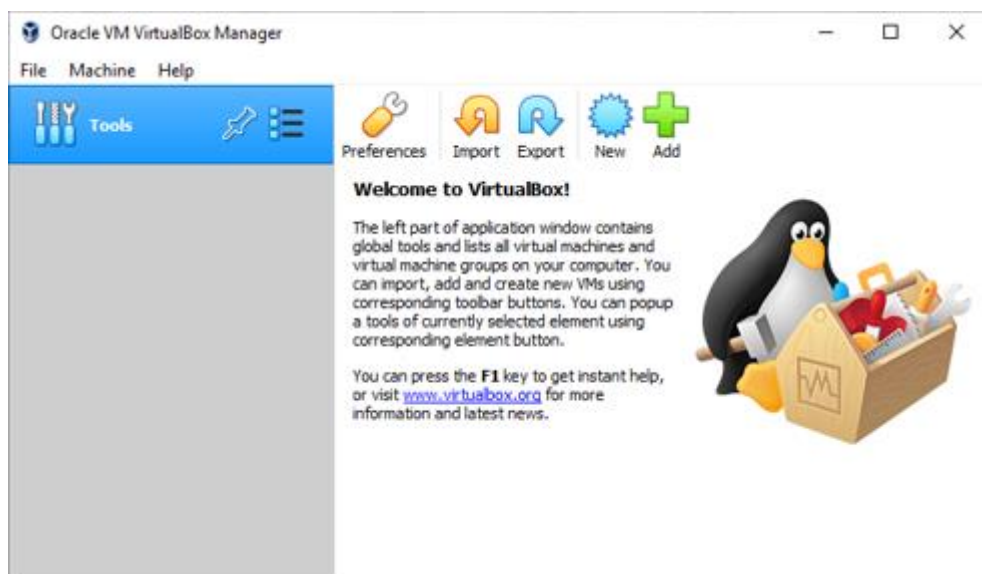
Step 8 : Click on “install”.



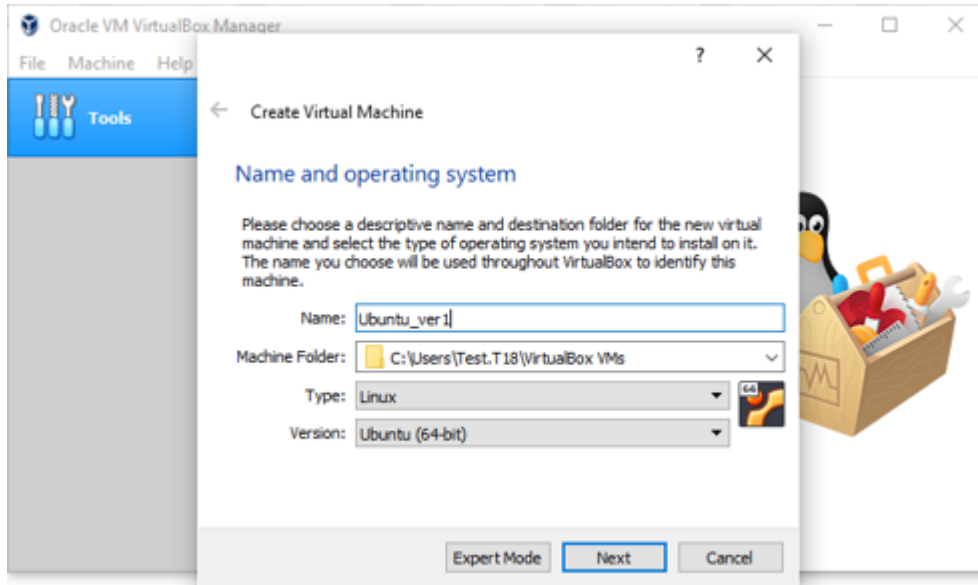
Step 9 : Click on “Finish”.



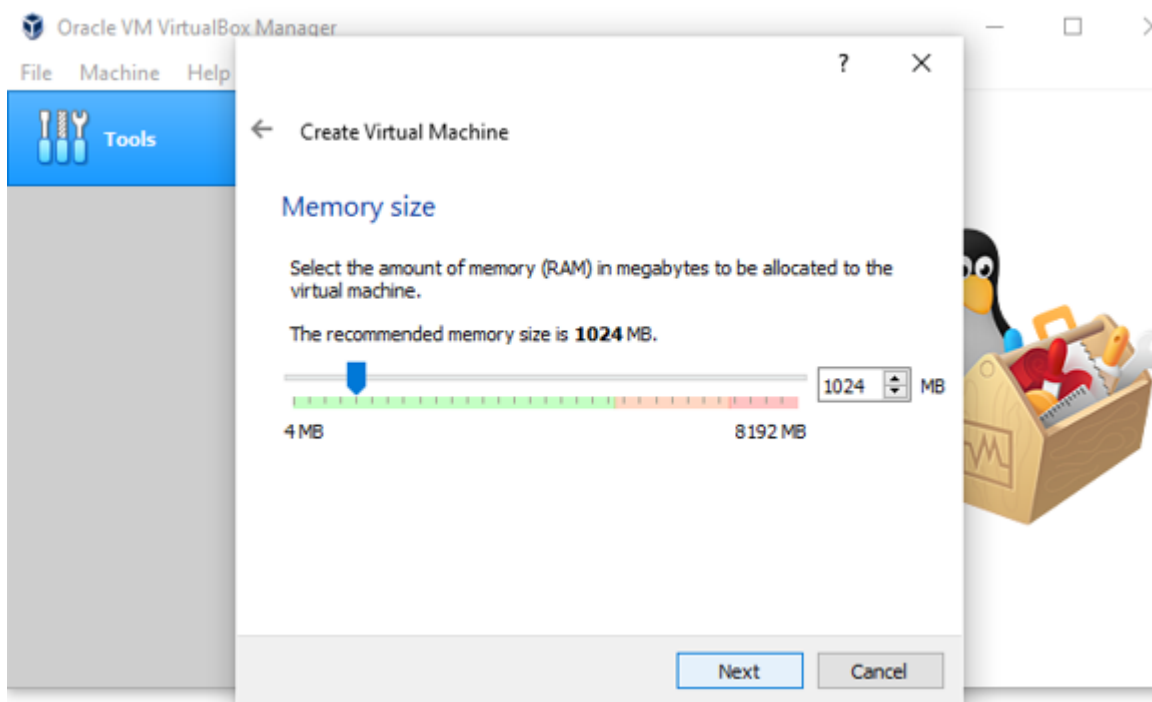
Step 10 : Open Oracle VM VirtualBox, then click "New" to create a virtual machine.



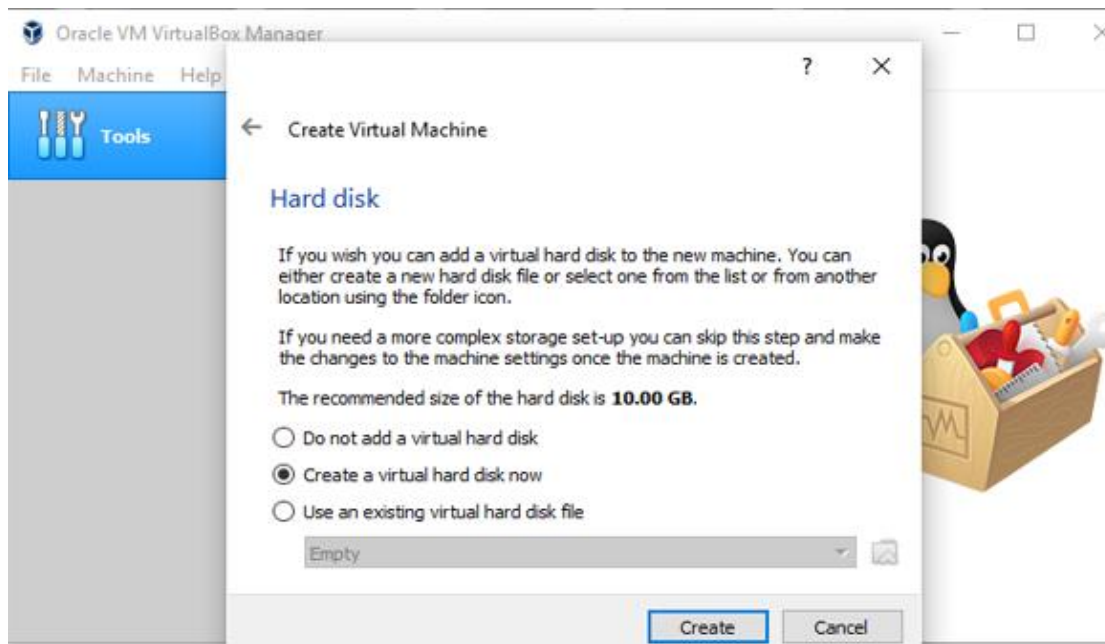
Step 11 : Enter "Ubuntu" as the name, select "Linux" as the type, and select Ubuntu (64-bit) as the version. Select any amount of memory you wish, but don't add more than 50 percent of your total RAM.



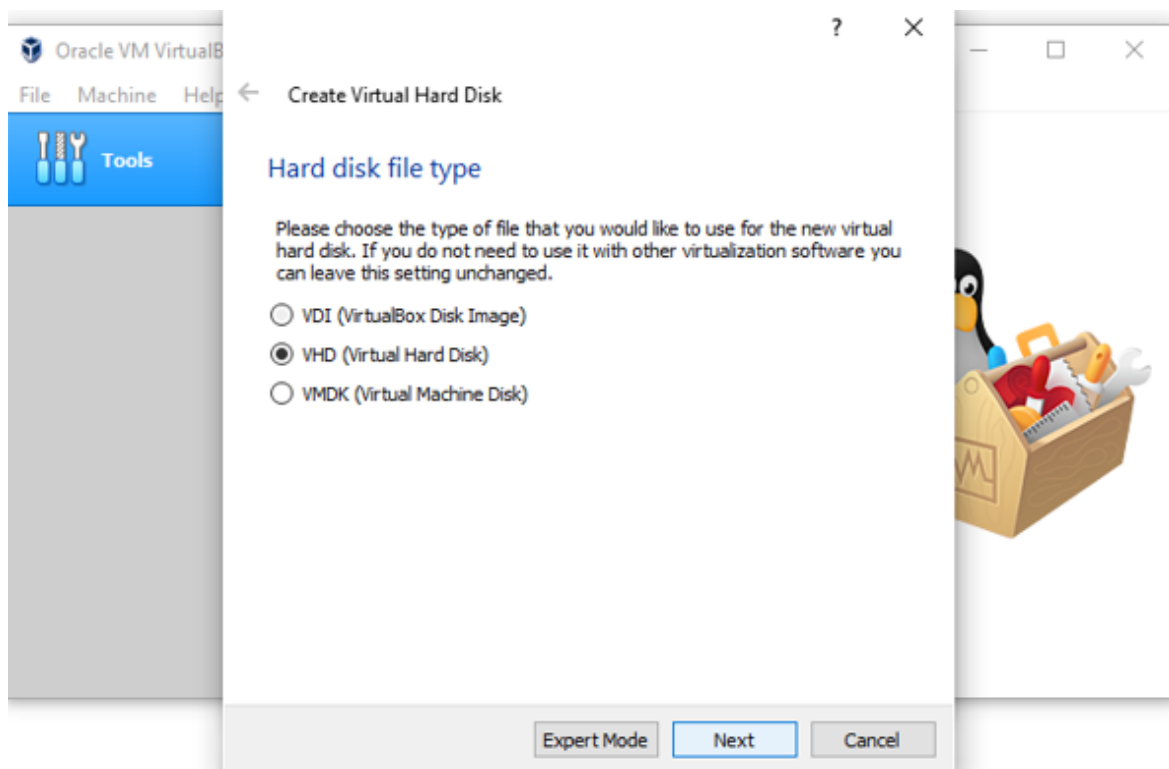
Step 12 : Choose the memory size. 1024 MB is the default size.



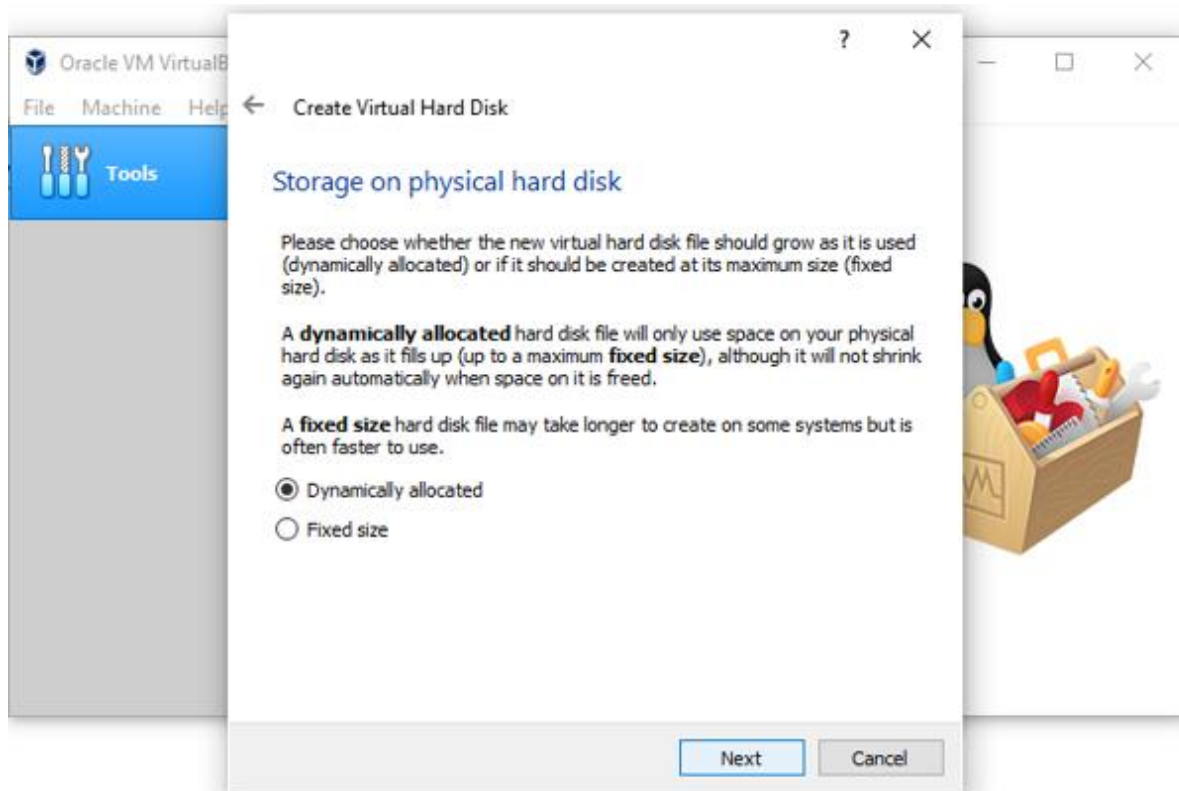
Step 13 : Check the "Create a virtual hard disk now" option so we can later define our Ubuntu OS virtual hard disk size.



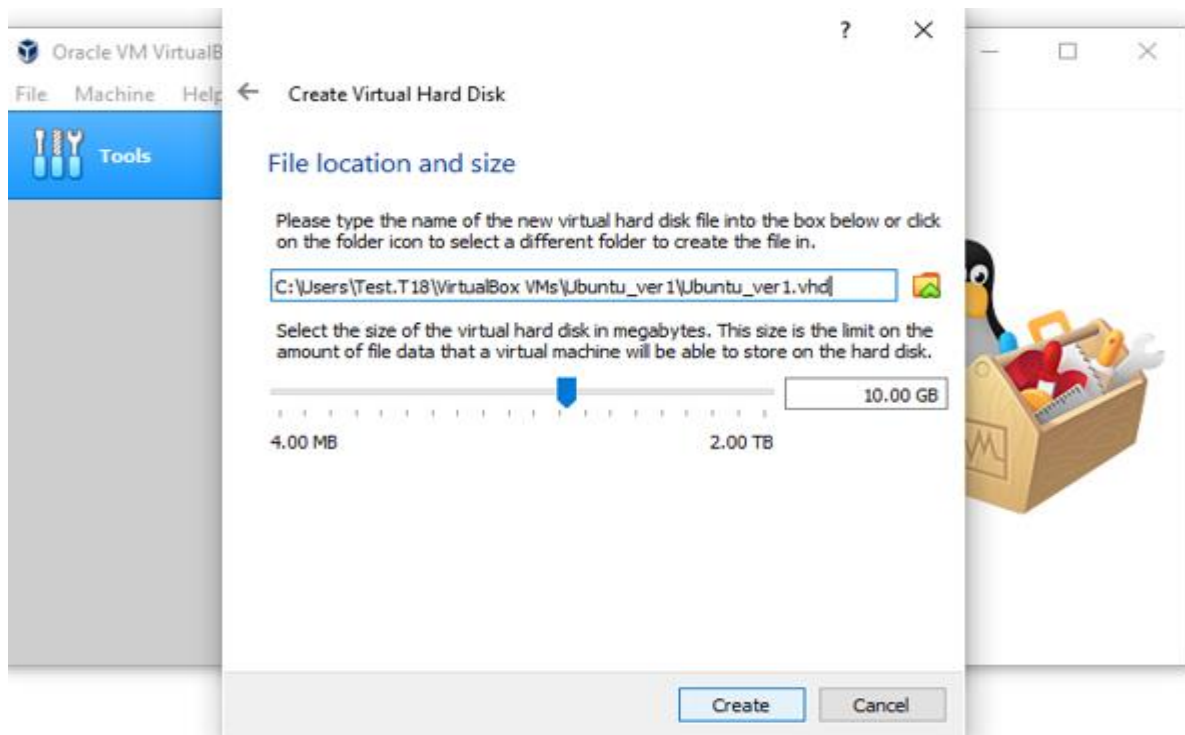
Step 14 : Now, we want to select "VHD (Virtual Hard Disk)".



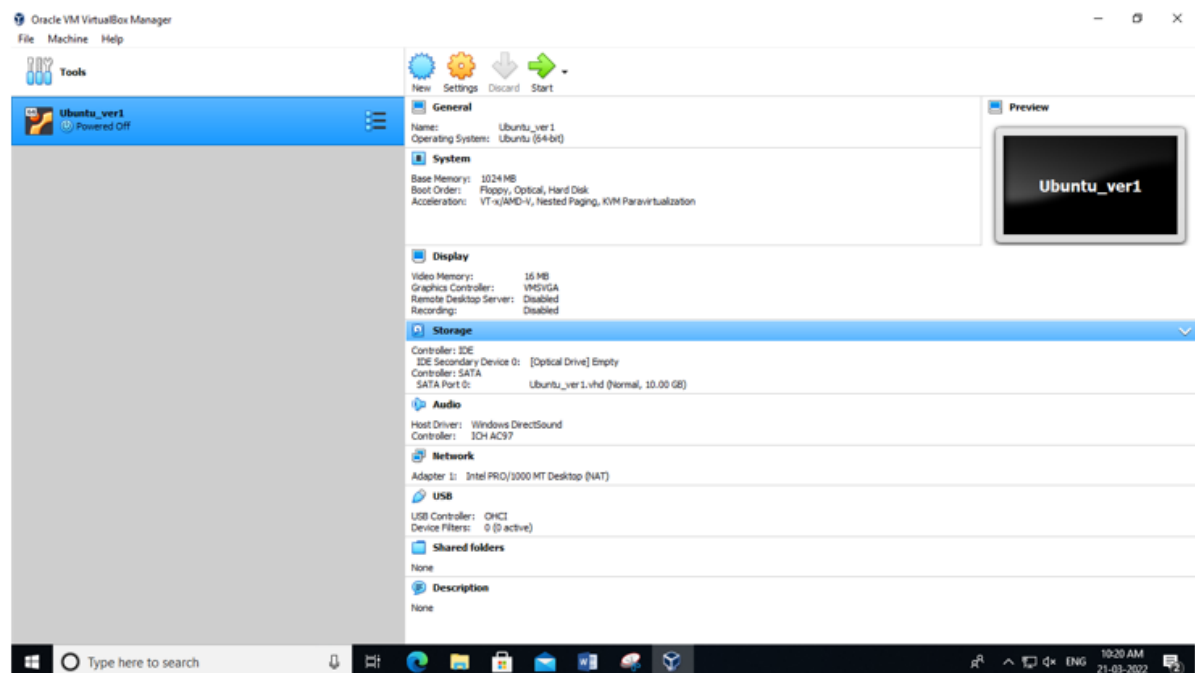
Step 15 : Next, we'll dynamically allocate storage on our physical hard disk



Step 16 : We want to specify our Ubuntu OS's size. The recommended size is 10 GB, but we can increase the size if you wish.



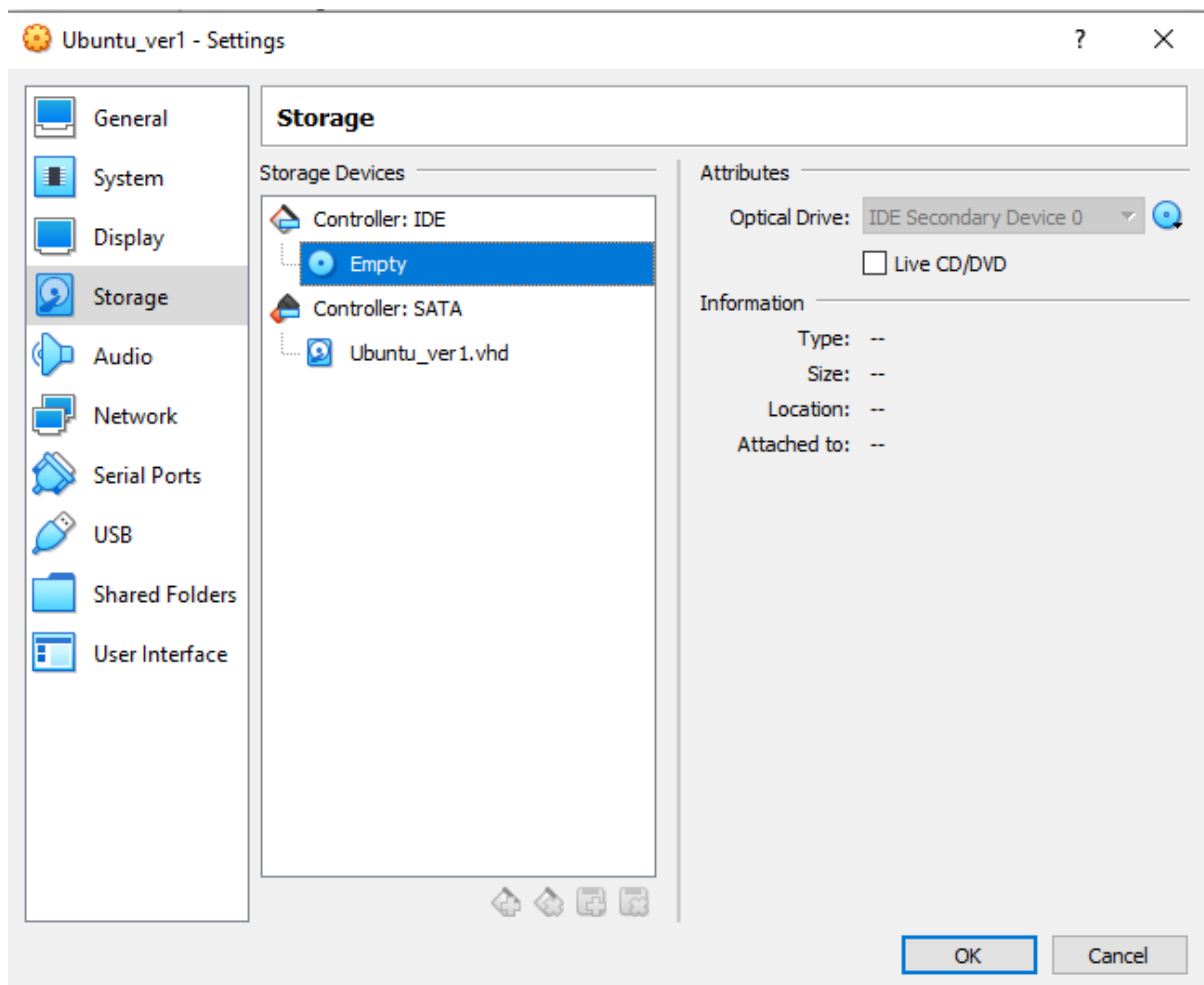
Step 17: After creating a virtual hard disk, we can see Ubuntu in our dashboard.



Step 18 : To set up the Ubuntu disk image file, go to settings and follow these steps

Step 18.1 : Click "Storage".

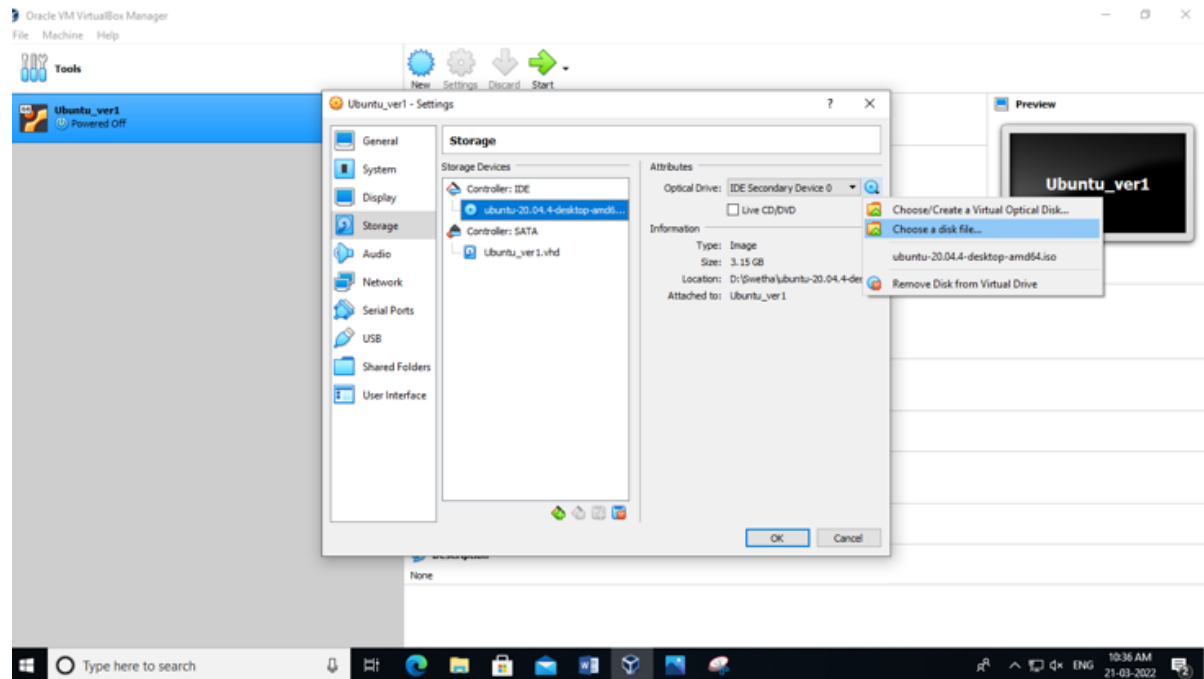
Step 18.2 : In storage devices, click "Empty".



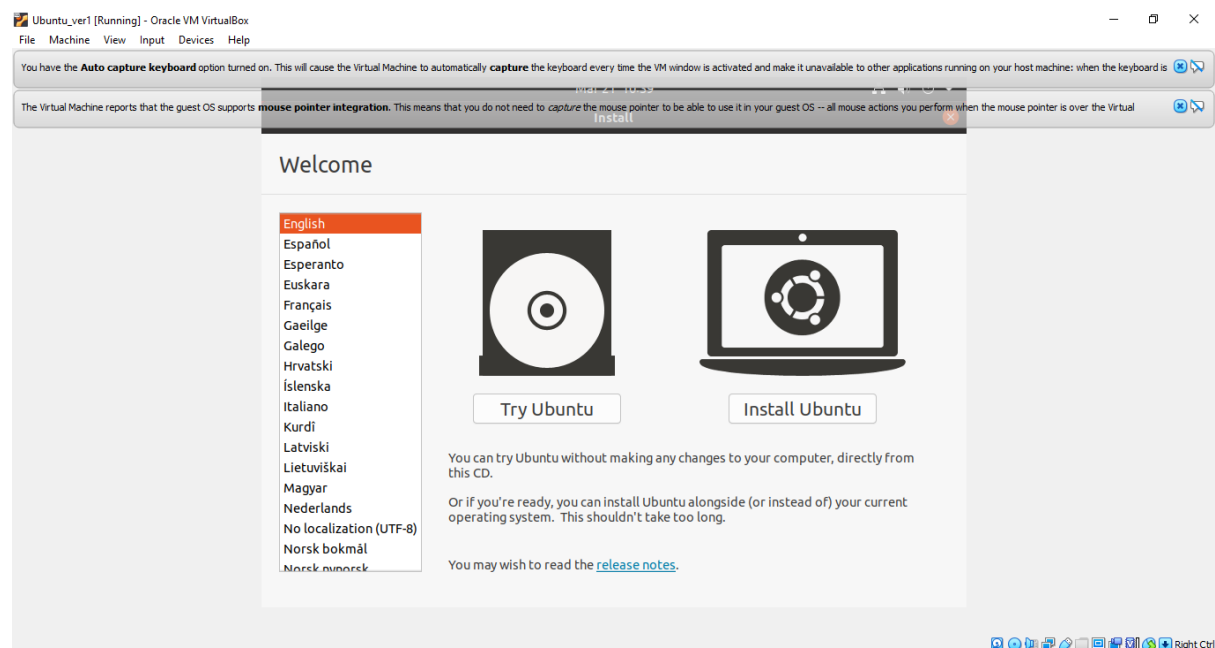
Step 18.3 : In attributes, click the disk image and "Choose a disk file"

Step 18.4 : Select the Ubuntu disk image file from the system and open it.

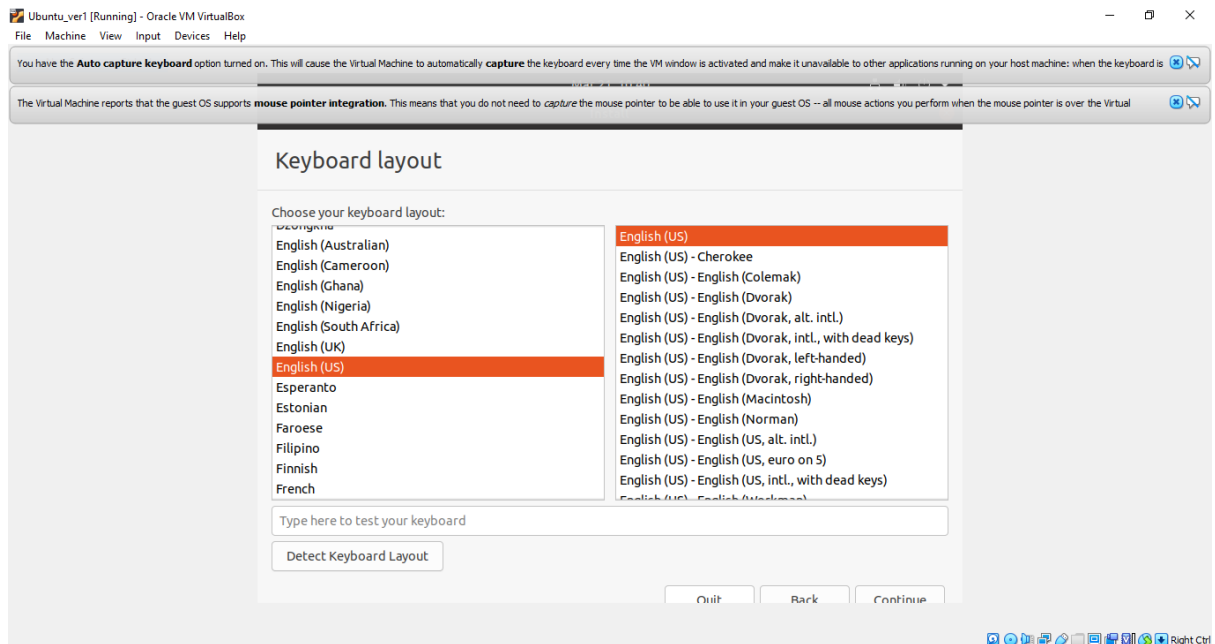
Step 19 : Click OK. Our Ubuntu OS is ready to install in VirtualBox.



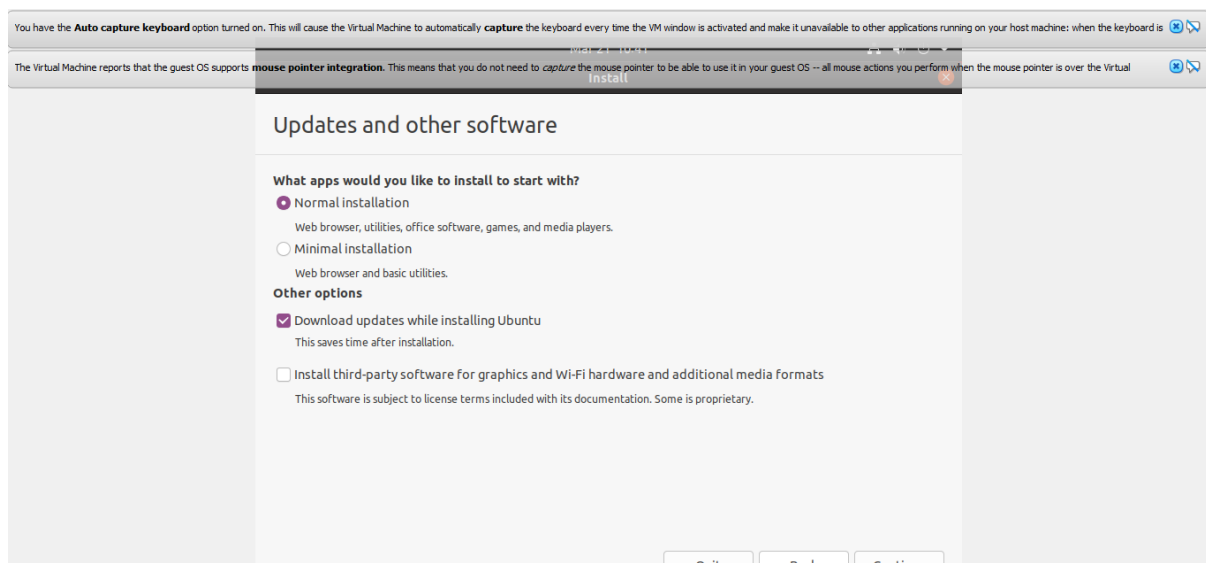
Step 20 : Click Install Ubuntu.



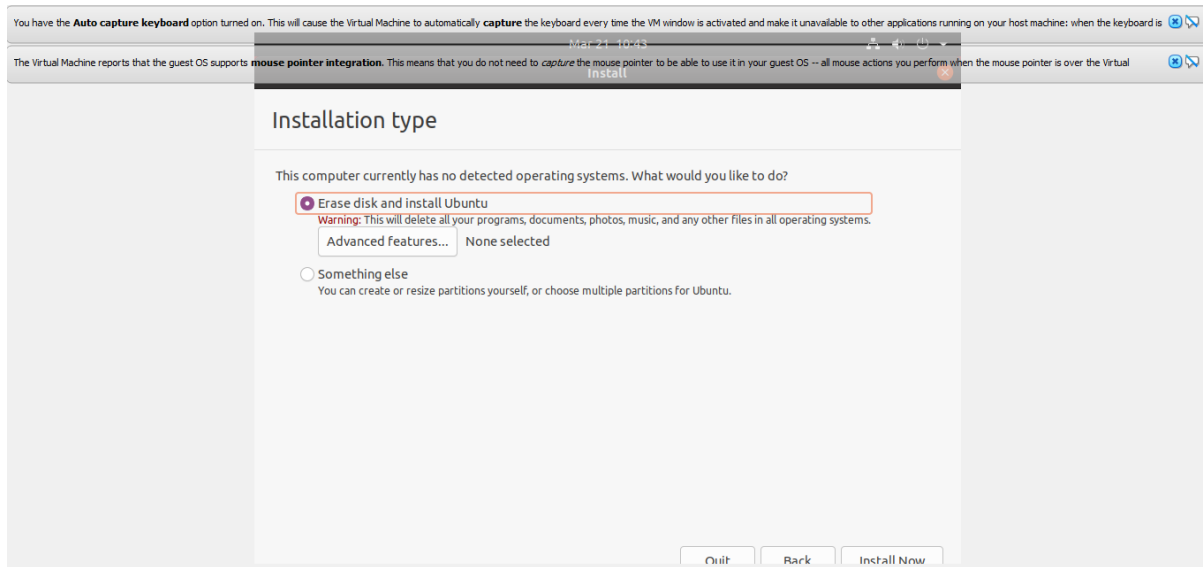
Step 21 : Select the keyboard layout.



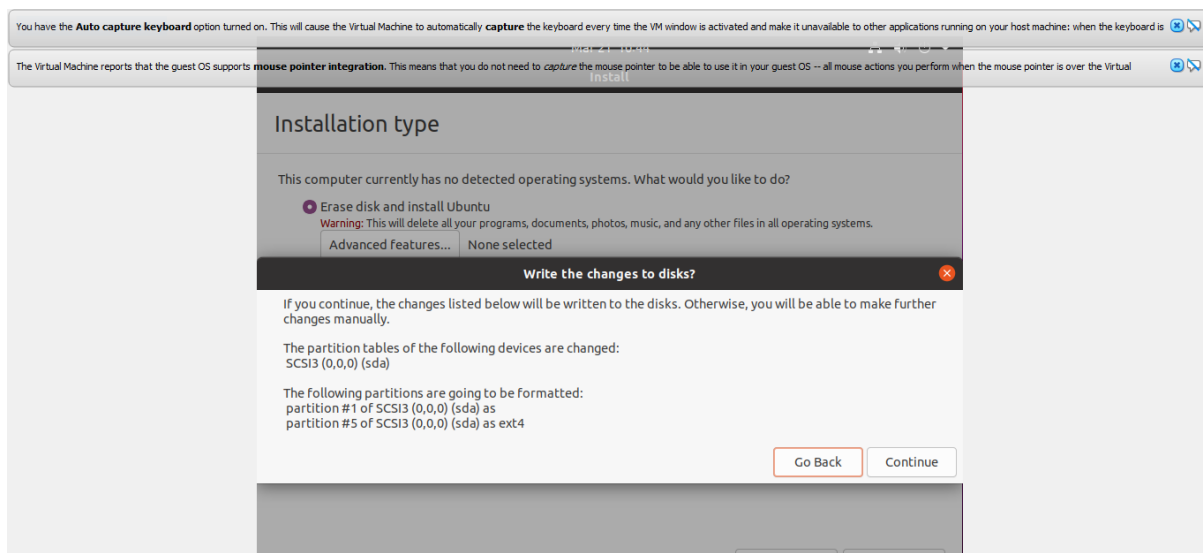
Step 22 : In the "Updates and other software" section, check "Normal installation" and continue.



Step 23 : In "Installation type", check "Erase disk and install Ubuntu".



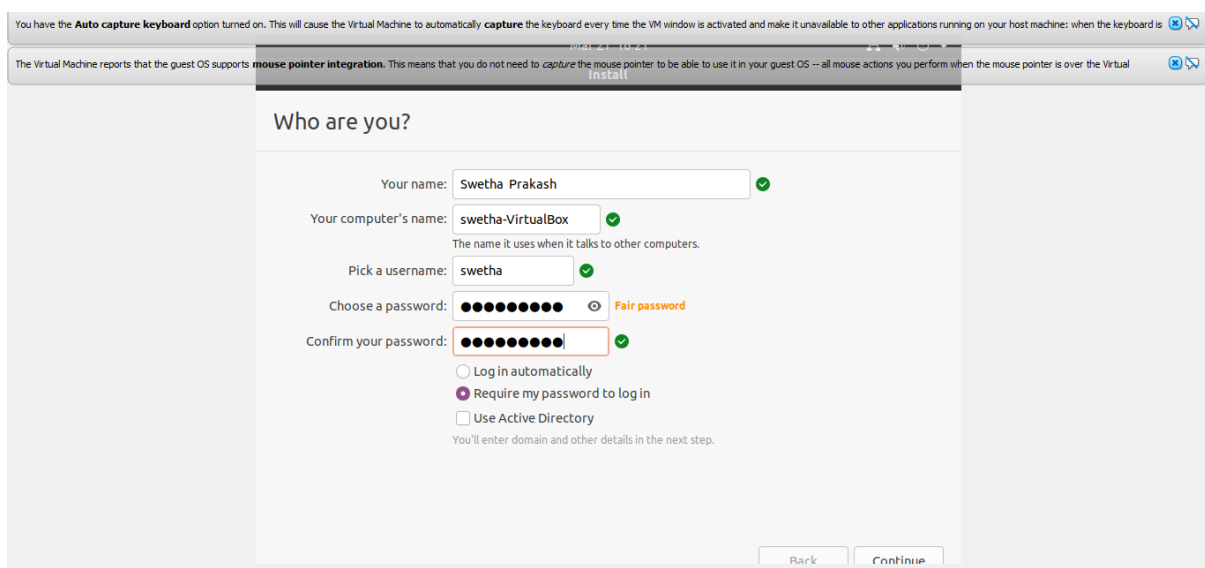
Step 24 : Click "Continue".



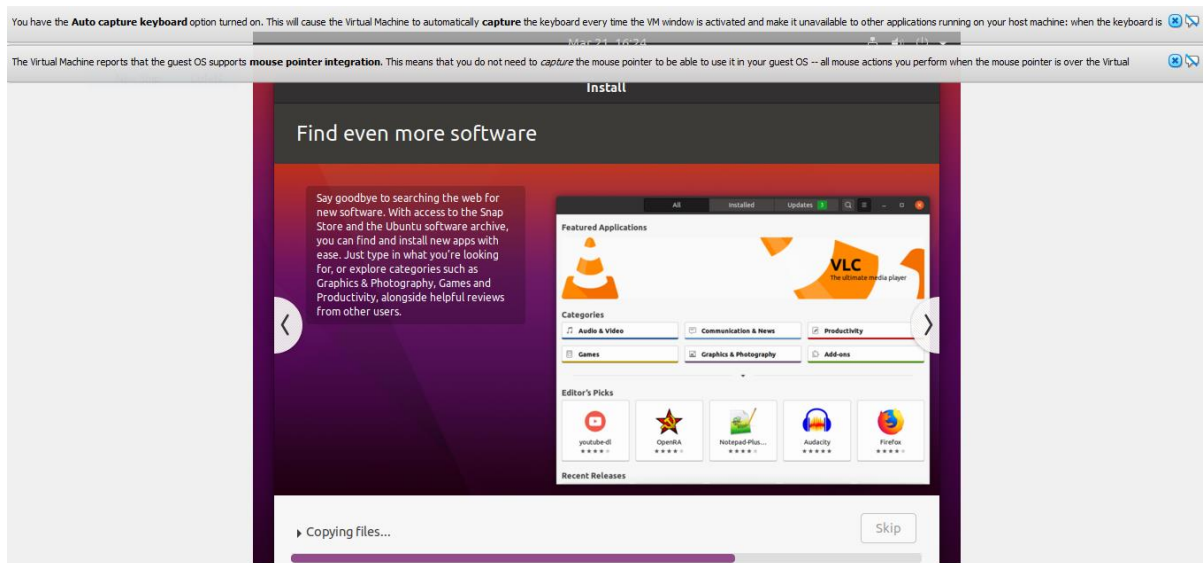
Step 25 : Choose our current location.



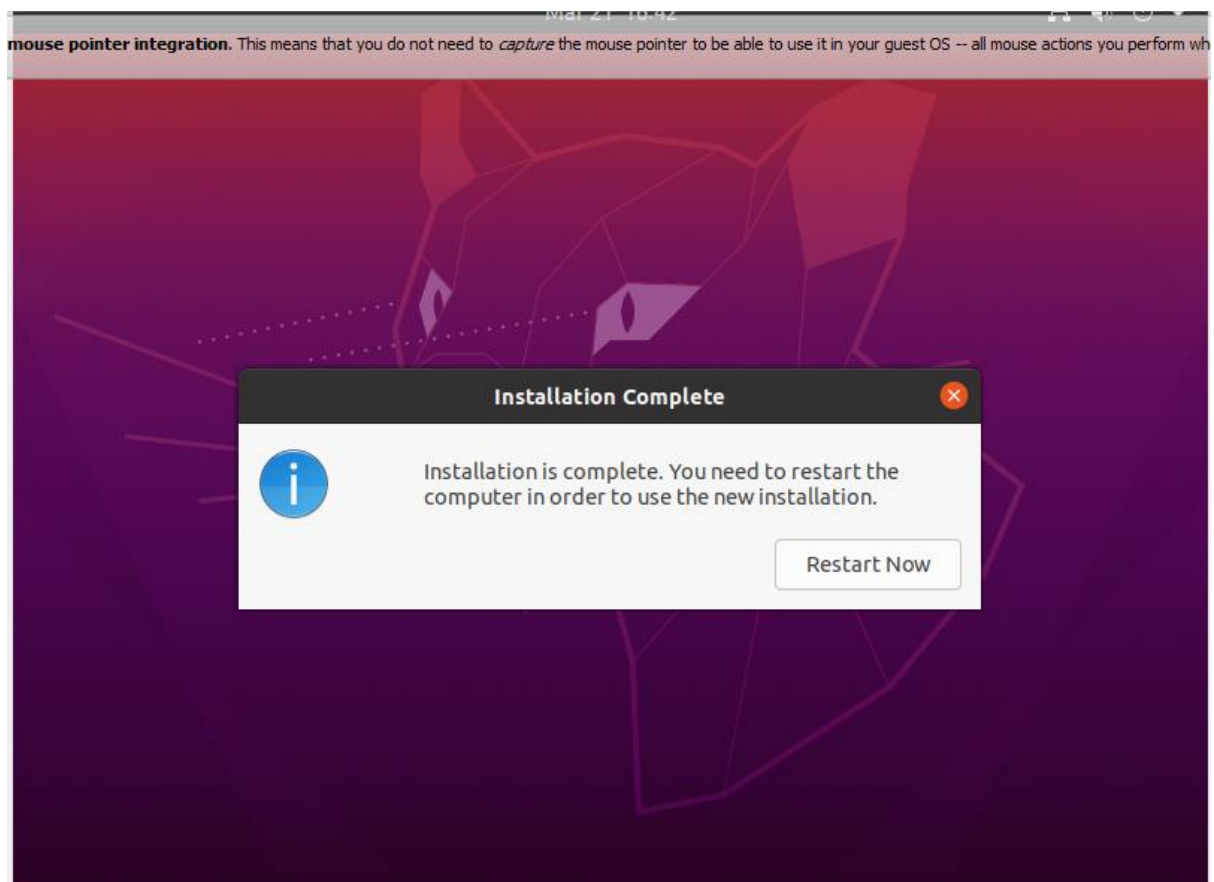
Step 26 : Now, set up our profile.



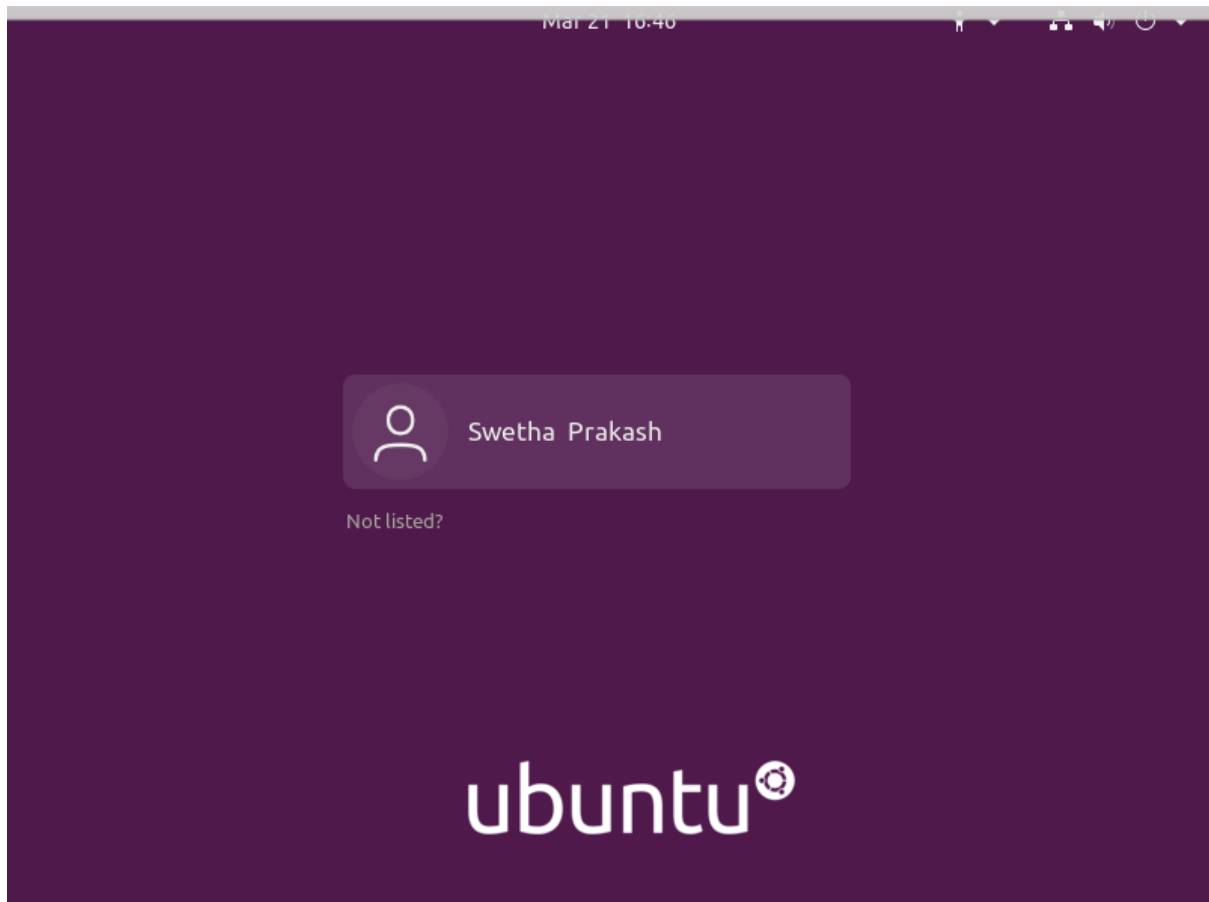
Step 27 : we can see Ubuntu installing.



Step 28 : After the installation, restart it.



Step 29 : After logging in, we can see the Ubuntu desktop.



Output Screenshot

