

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.: 3**

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Roll No: 25

Batch: A

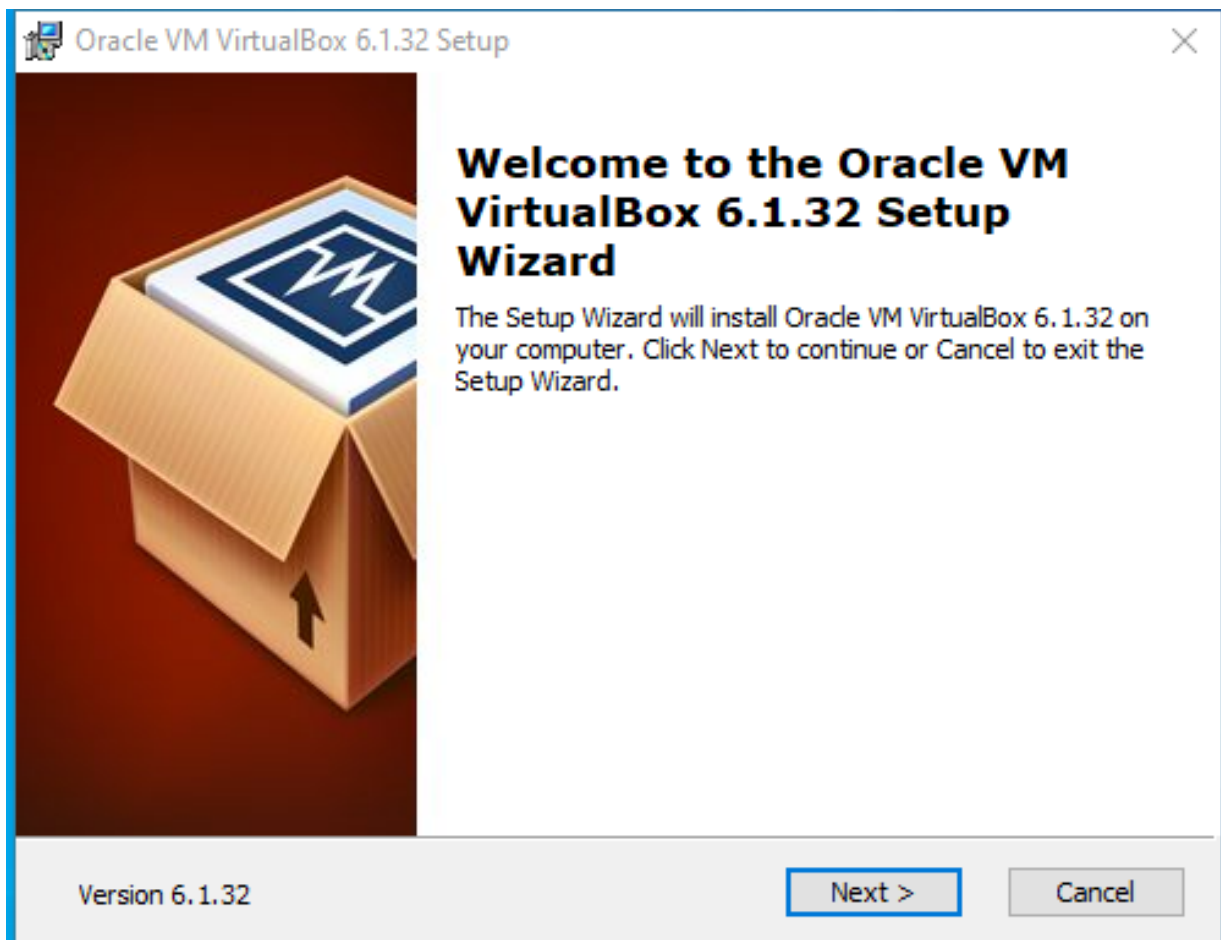
Date: 21/03/2022

**Aim**

you are given a computer with very low hardware resources it is to be used as KIOSK. Identify and install a suitable Linux distribution you are stimulate it in virtual environment.

**Procedure**

Step 1: Click on the Next button in the Welcome window.

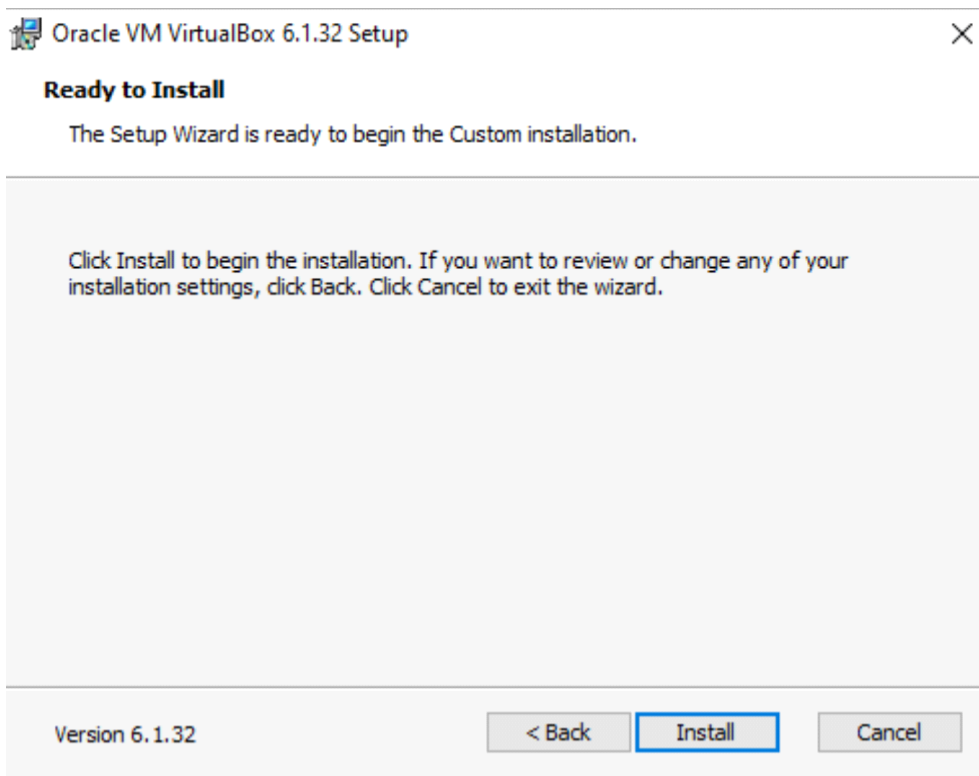


Step 2: Choose the features that we want to install and then click on the Next button.

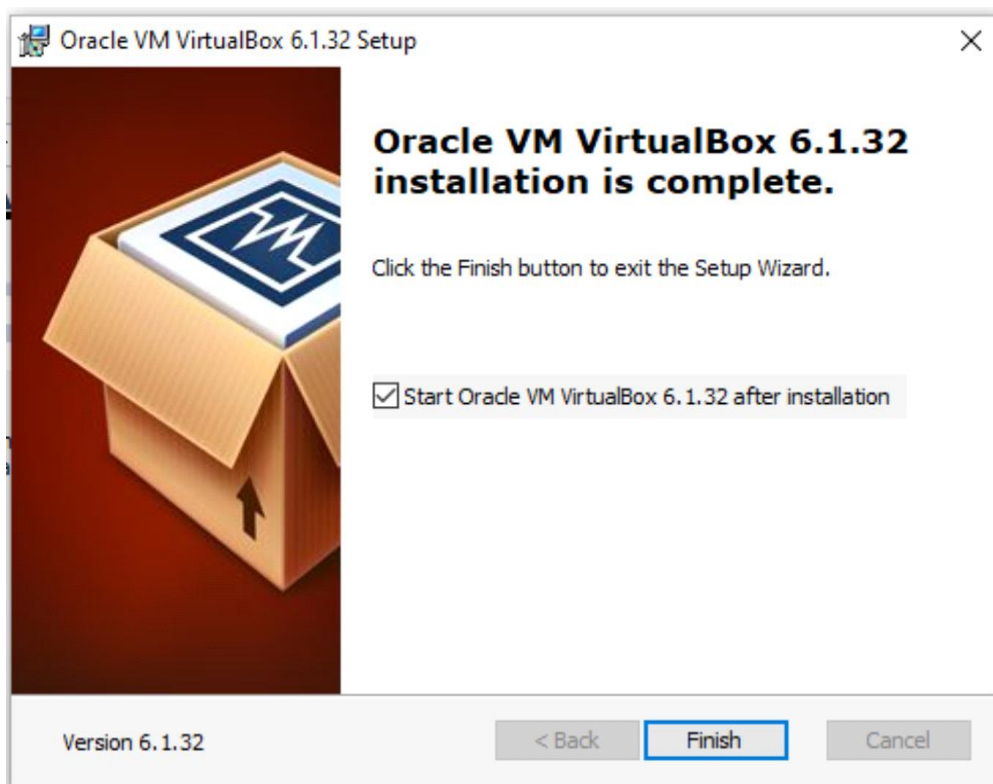
Step 3: Choose the installation folder and click on the Next button.

Step 4: Click on the Yes button to install the Oracle Virtual Box interfaces.

Step 5: Click on the Install button when it prompted. After that, it will start installing the Virtual Box in our system.

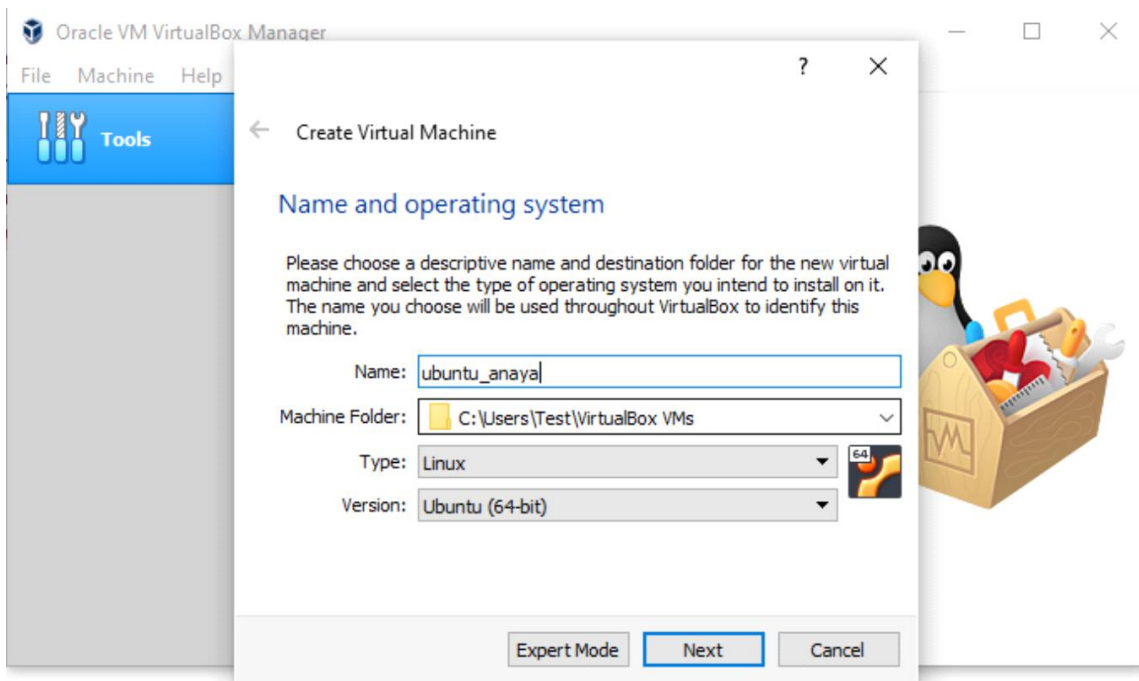


Step 6: Click finish button.



Step 7: Click new button.

Step 8: Enter a new name for your operating system in a prompt window.



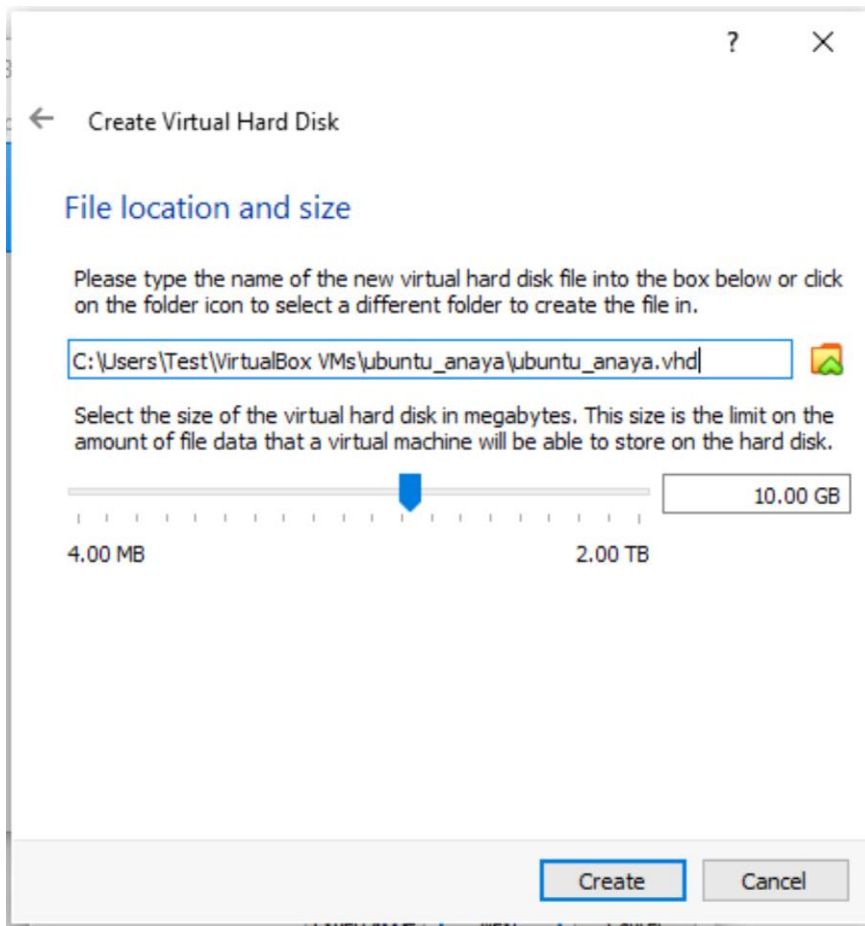
Step 9: Choose the base memory based on your host system RAM size.

Step 10: continue to allocate space for virtual hard disks. Virtual disks act as a separate hard disk for the virtual machines residing over the host system hard disk drive.

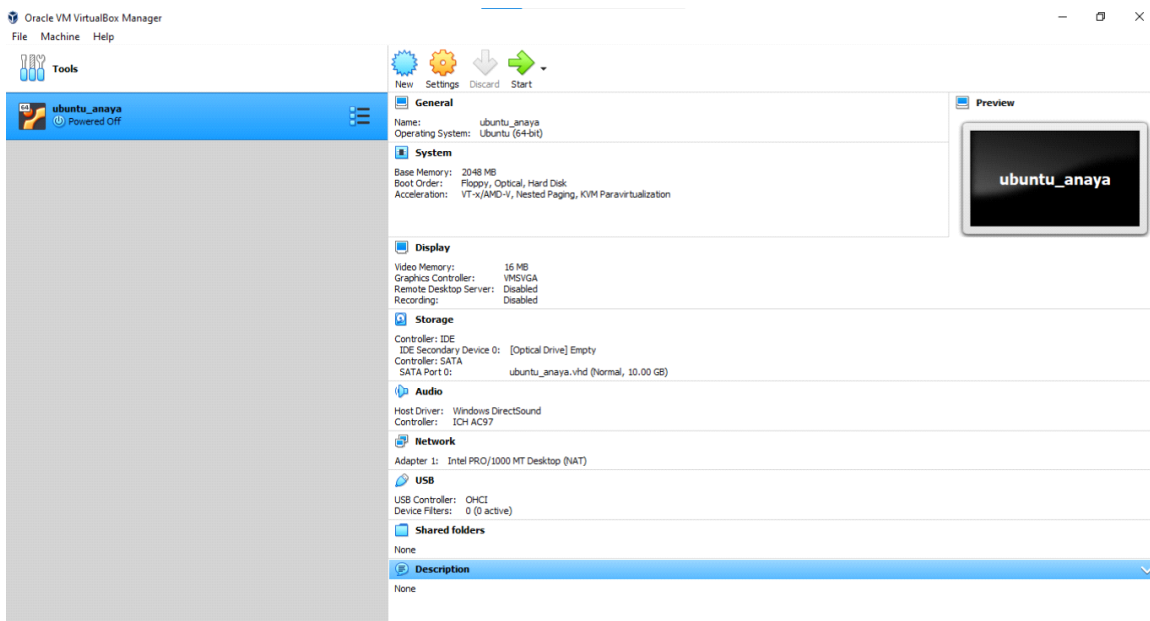
Step 11: After creating a virtual disk, the next window will prompt you to select the type of file. It decides the method of storing your virtual machine in a file. Select VHD.

Step 12: Click on Dynamically Allocated option.

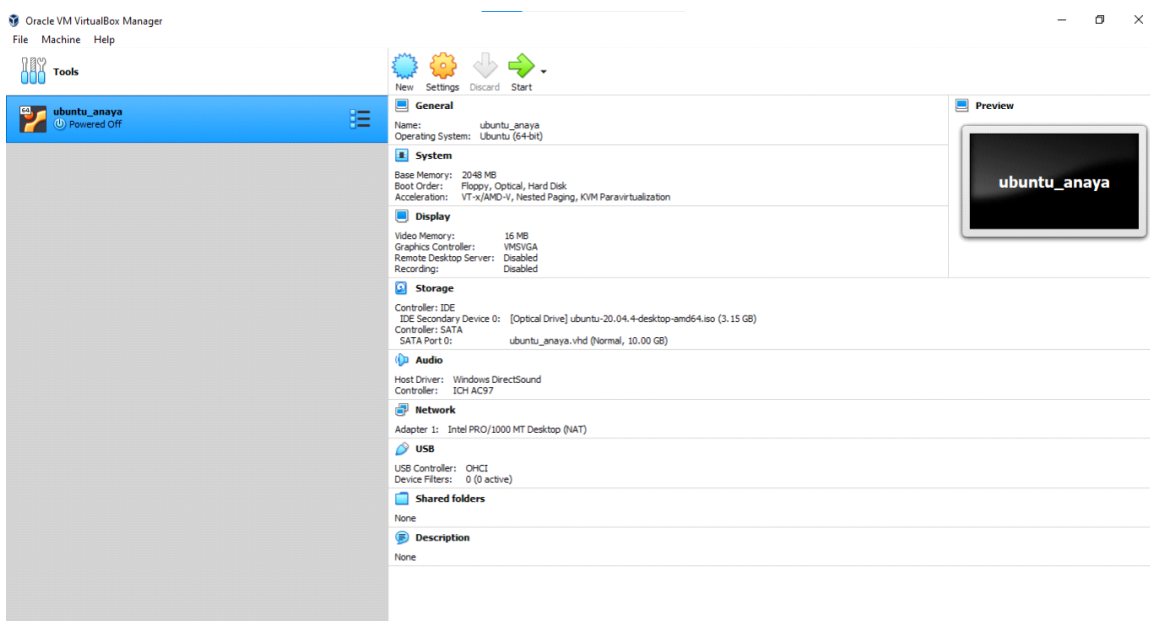
Step 13: Select the path you want to store and allocate the size based on your requirements.



Step 14: Click on create and your virtual machine is now created. On the right side, you can check all the settings and system information about your machine.



Step 15: Go to the storage section and then click on the disk icon to import the downloaded Ubuntu 20.04 image



Step 16: Click on the start button and you'll notice a black and white screen with an animated rolling wheel and Ubuntu logo at the bottom. It means your Ubuntu installer is about to start.

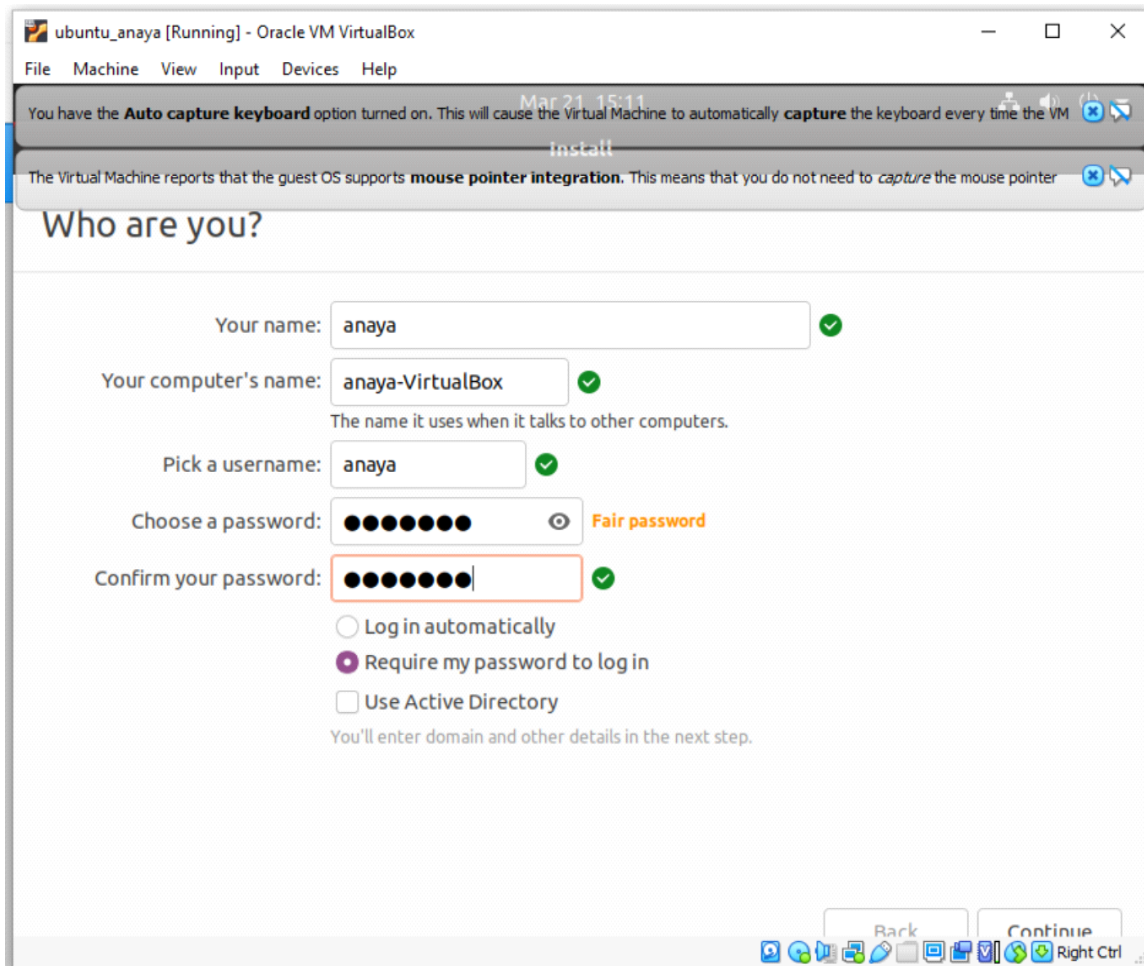
Step 17: After a few seconds or a minute, the Ubuntu installer will display two options to proceed further. Choose this option if you're planning to install Ubuntu.

Step 18: Choose the keyboard layout of your native language.

Step 19: Choose Erase disk and install Ubuntu.

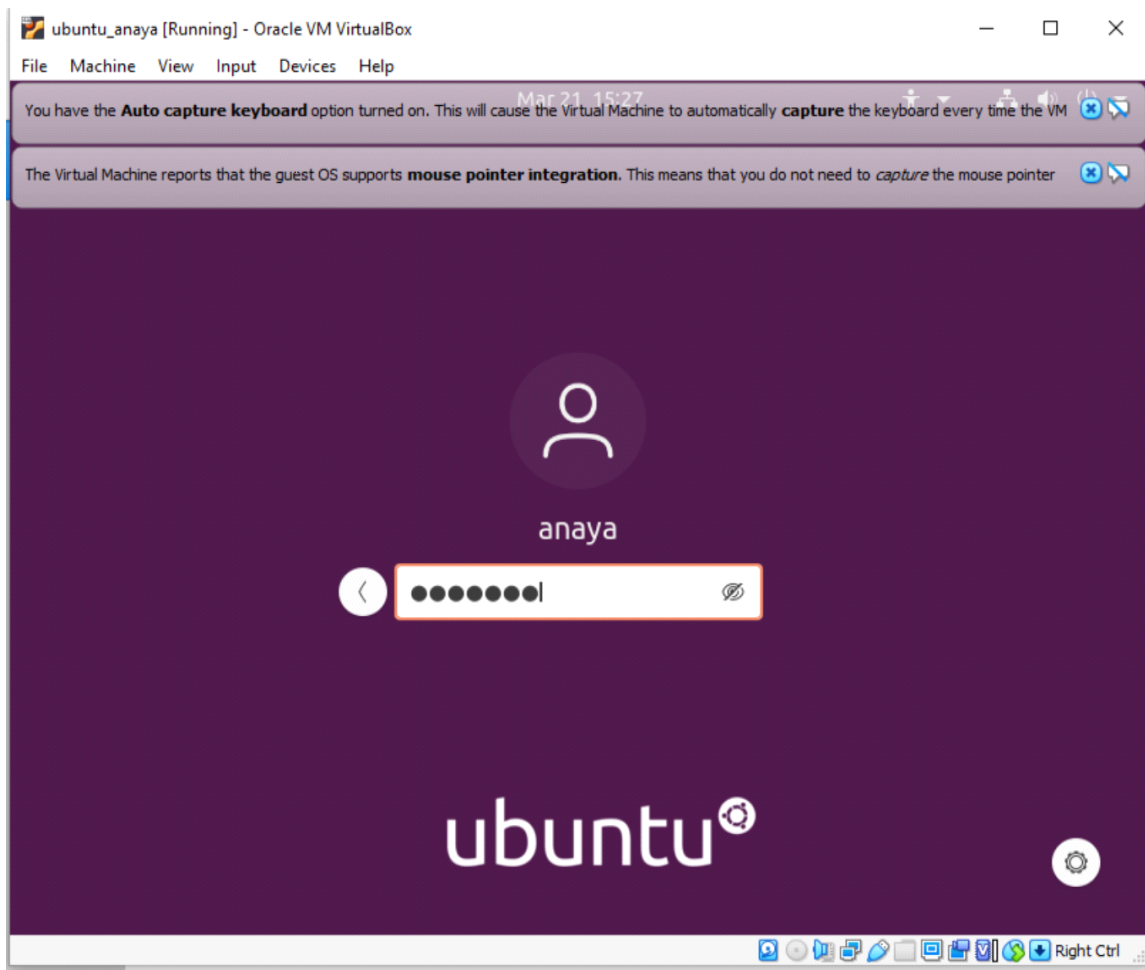
Step 20: If you're connected to the internet, the Ubuntu installer will automatically detect and set your location. You can change it either using a map or input field.

Step 21: Set your username and password to login to the system. Make sure you choose a strong password with alphanumerics and symbols.



Step 22: Click on Continue and the installation will start.

Step 23: If your installation is complete with no intermediate obstacle, a success notification will pop up. You can now restart and login to your Ubuntu virtual machine.



Step 24 : After logging in, you may notice that your Ubuntu desktop screen looks small that hides some parts of opened applications.