CLOUD COMPUTING LAB - I

Create a Virtual Machine on Virtual Box with Ubuntu 14LTs files, 2GB RAM and 200GB Hard Disk configuration through Infrastructure as a Service (IaaS).
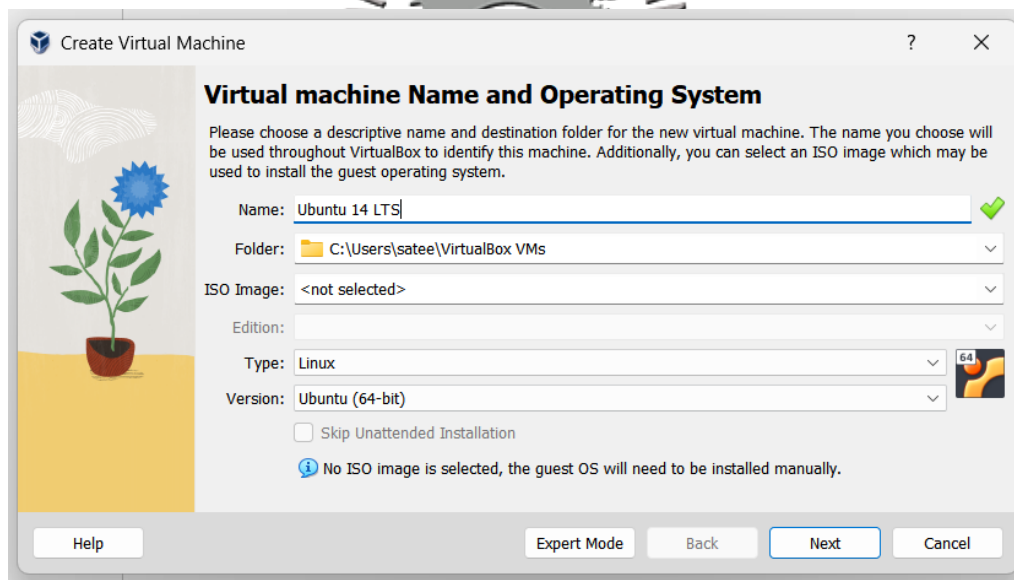
Step 1: Download VirtualBox

Go to the official VirtualBox website (https://www.virtualbox.org) and download the appropriate version for your operating system. Install VirtualBox on your computer.

Step 2: Download Ubuntu 14.04 LTS ISO

Go to the official Ubuntu website (https://releases.ubuntu.com/14.04/) and download the Ubuntu 14.04 LTS ISO file.

Step 3: Create a New Virtual Machine

Open VirtualBox and click on "New" to create a new virtual machine. Enter a name for your VM (e.g., "Ubuntu 14 LTS") and choose "Linux" as the type and "Ubuntu (64-bit)" as the version.
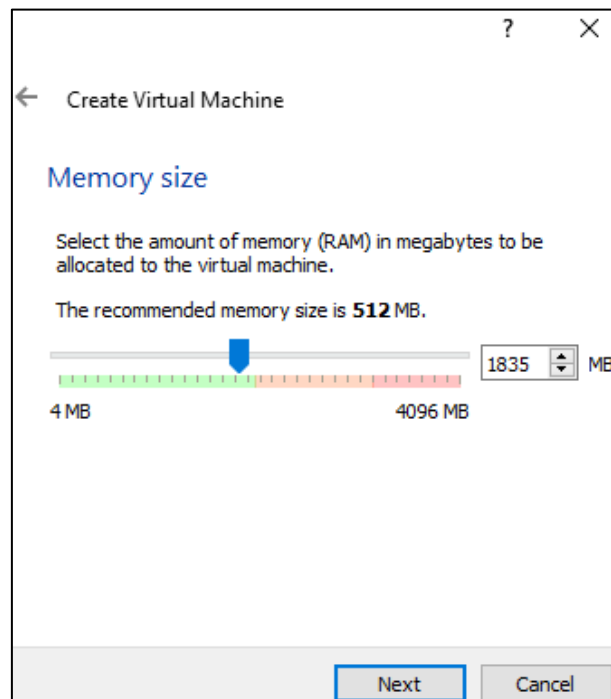

Step 4: Allocate Memory

Choose the amount of RAM you want to allocate to the virtual machine. For Ubuntu 14.04, it is recommended to allocate at least 1-2 GB of RAM. Click "Next."
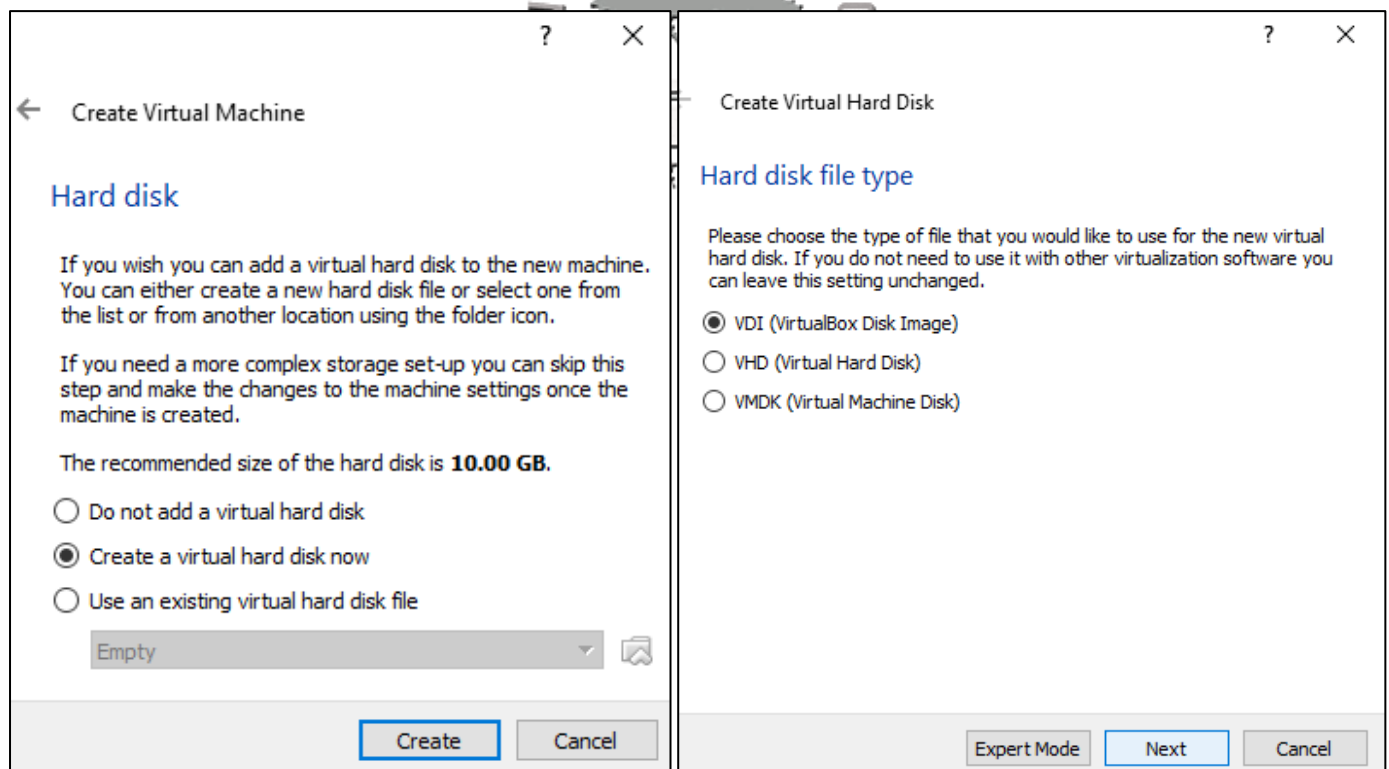
Step 5: Create a Virtual Hard Disk

    Select "Create a virtual hard disk now" and click "Create." Choose "VDI (VirtualBox Disk Image)" as the hard disk file type and click "Next."
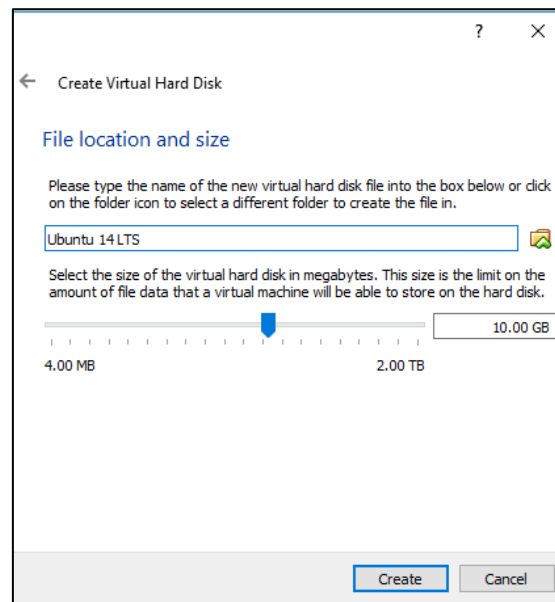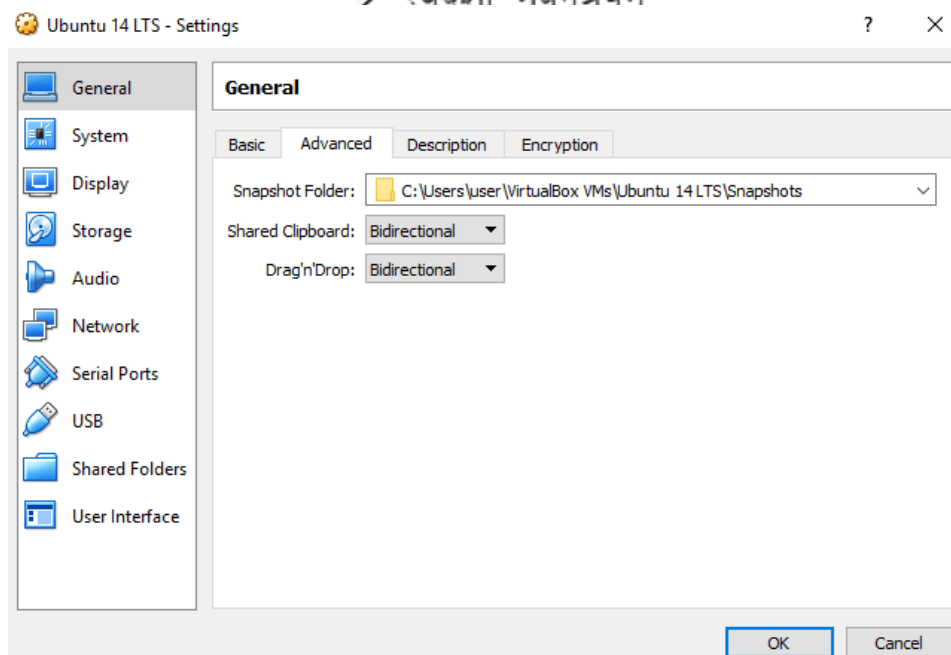
Step 6: Choose Hard Disk Storage

Select "Dynamically allocated" as the storage option and choose the size for the virtual hard disk.

A minimum of 10 GB is recommended for a basic Ubuntu installation. Click "Create."
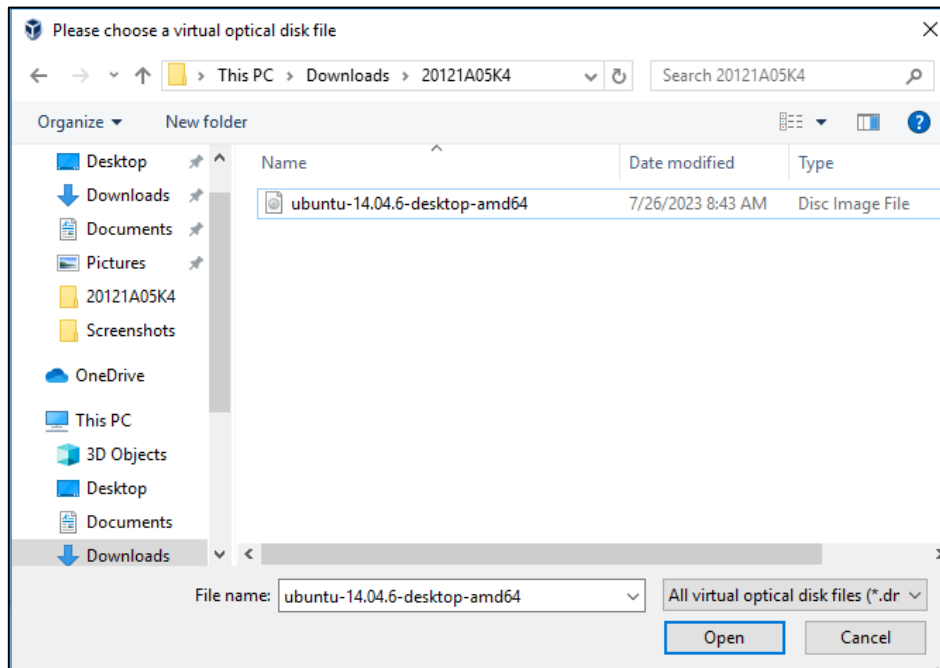

Step 7: Configure VM Settings

Select the newly created VM from the VirtualBox Manager and click on "Settings." In the settings window, navigate to the "Storage" tab, and under "Controller: IDE," click on the icon to add the Ubuntu ISO file you downloaded earlier. This will be used as a bootable disk for the VM.

Step 8: Start the VM
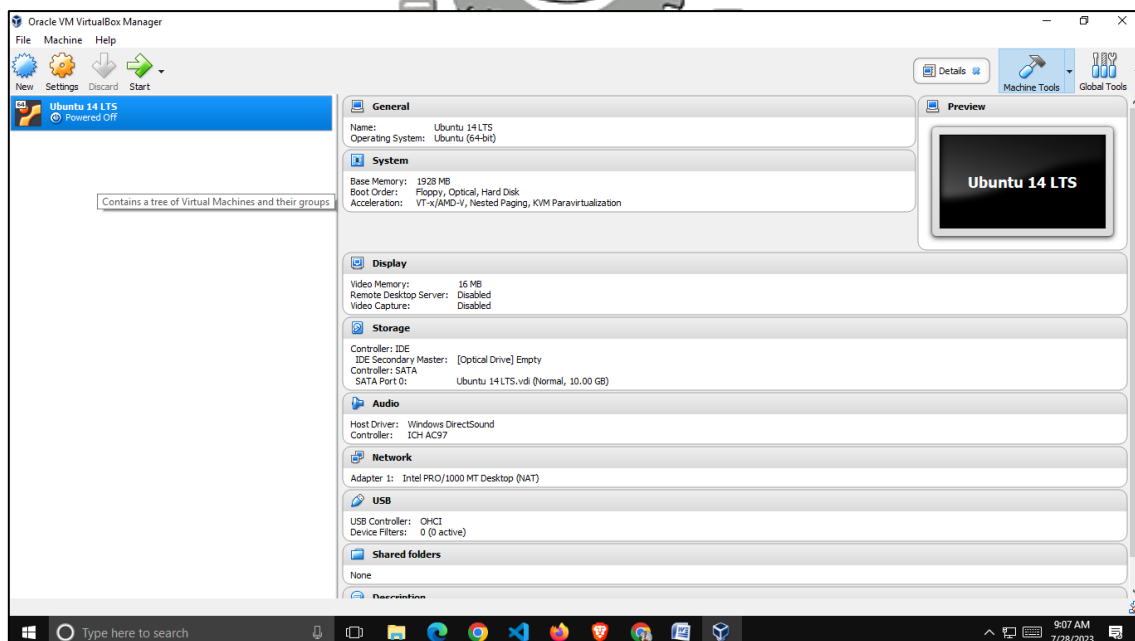
Click "OK" to close the settings window. Now, select your VM again and click on "Start." The VM will boot from the Ubuntu ISO file.
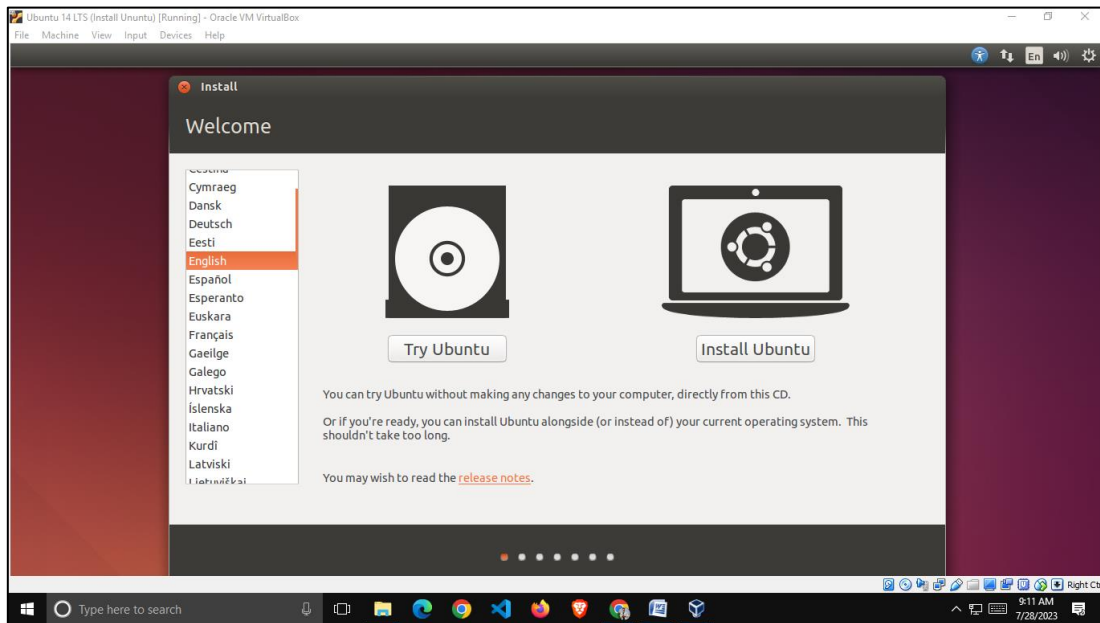

Step 9: Install Ubuntu

In the VirtualBox VM window, you will see the Ubuntu installer. Select your language and click "Install Ubuntu." Follow the installation wizard, selecting your time zone, keyboard layout, and user details as prompted.
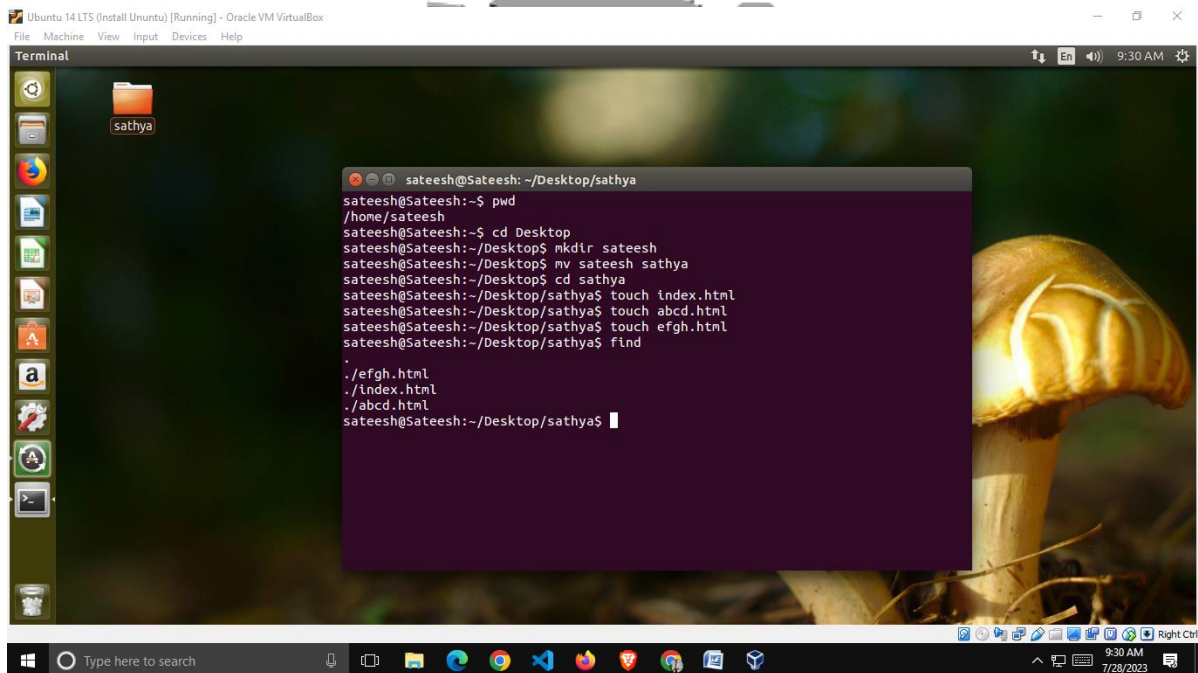
Step 10: Complete Installation

After the installation is complete, the VM will prompt you to remove the installation medium (the Ubuntu ISO). Click "Continue" to do so, and the VM will restart.

OUTPUT :

RESULT :