Procedure for Installing Oracle VirtualBox, Downloading Windows 10 ISO, and Creating a Virtual Machine

Step 1: Download and Install Oracle VirtualBox

1. Open your web browser and go to the official Oracle VirtualBox website: https://www.virtualbox.org/
2. Click on the **"Downloads"** link on the homepage.
3. Under the section "VirtualBox binaries," click on the link for your operating system (e.g., **Windows hosts** if you are using Windows).
4. The installer file will begin downloading. Wait for the download to complete.
5. Once downloaded, locate the installer file (usually in the Downloads folder) and double-click it to run.
6. The VirtualBox Setup Wizard will open. Click **Next** to proceed.
7. Choose the installation location or leave it as default and click **Next**.
8. Select the components to install (leave the defaults checked) and click **Next**.
9. Choose whether to create shortcuts, then click **Next**.
10. A warning about network interfaces may appear, click **Yes** to continue.
11. Click **Install** to begin the installation.
12. Once the installation completes, click **Finish** to exit the wizard. Optionally, launch VirtualBox immediately.
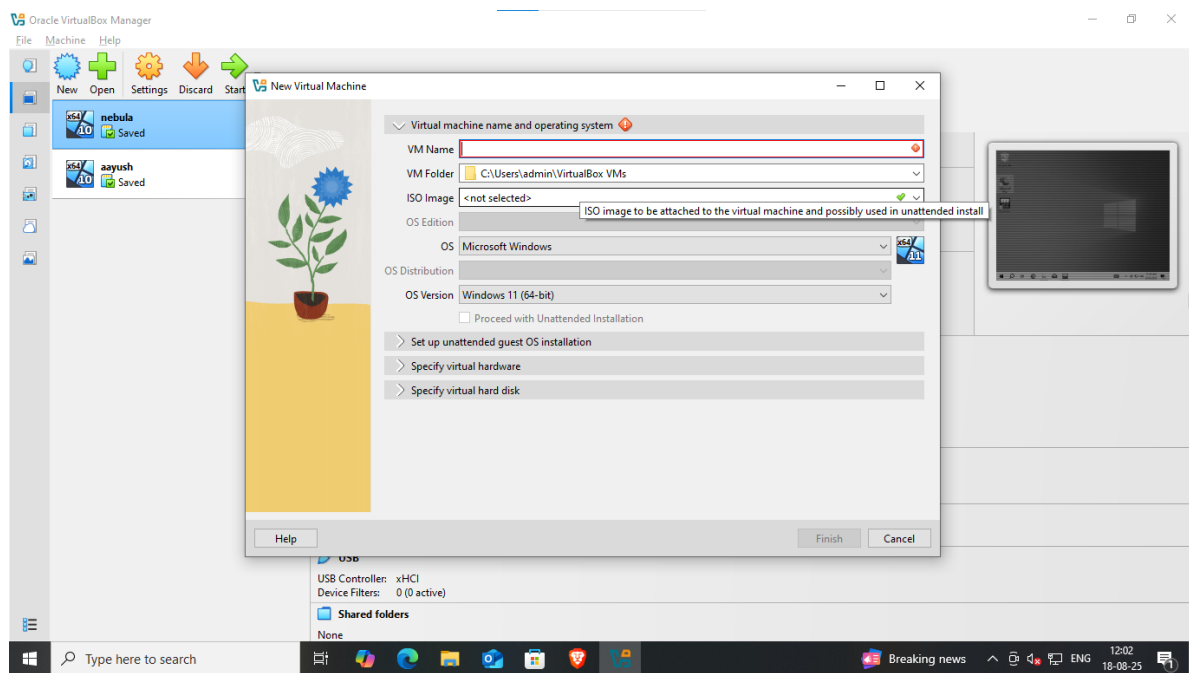
Step 2: Download Microsoft Media Creation Tool for Windows 10

1. Open your web browser and navigate to the official Microsoft Windows 10 download page:
   https://www.microsoft.com/software-download/windows10
2. Scroll down to the section **"Create Windows 10 installation media"** and click **Download tool now**.
3. Once downloaded, locate the file (MediaCreationTool.exe) and double-click to run it.
4. When the tool opens, accept the license terms.
5. Select **Create installation media (USB flash drive, DVD, or ISO file) for another PC** and click **Next**.
6. Choose the language, edition, and architecture (64-bit or 32-bit) according to your preference or leave it default, then click **Next**.
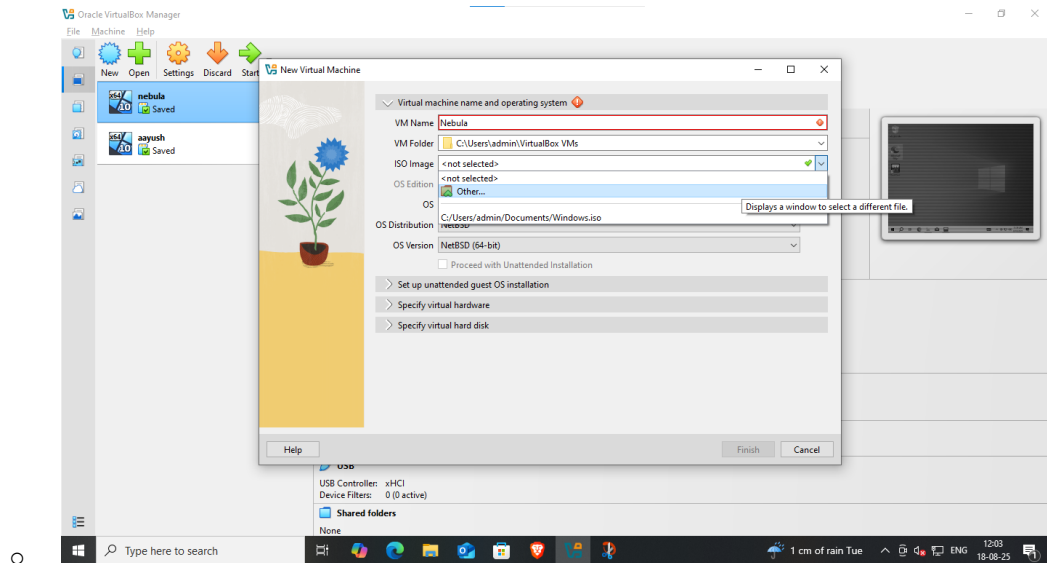7. Select **ISO file** as the media to create and click **Next**.

8. Choose a location to save the Windows 10 ISO file and click **Save**.
9. Wait while the tool downloads the Windows 10 ISO file.
10. Once completed, click **Finish** to close the tool.

Step 3: Create a Virtual Machine in Oracle VirtualBox Using the Windows 10 ISO

1. Open **Oracle VirtualBox** if it is not already running.
2. Click the **New** button on the top left of the VirtualBox Manager window.
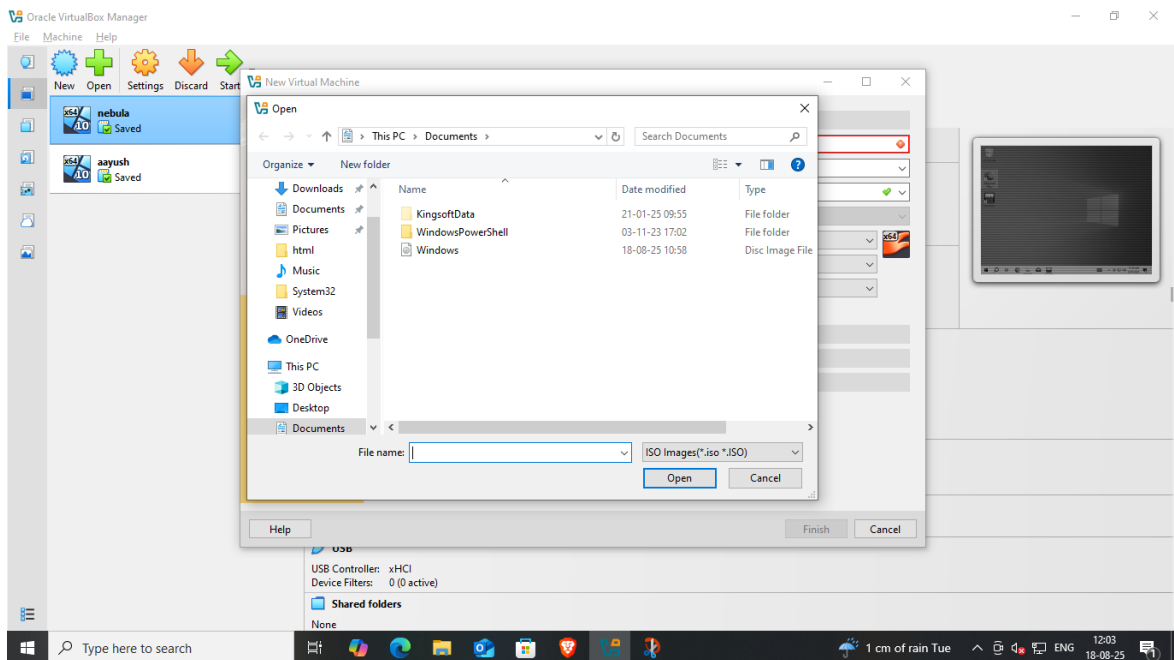

3. In the **Name and Operating System** window:
   o Enter a name for your VM (e.g., "Windows 10").
   o Select **Microsoft Windows** as the type.
   o Select **Windows 10 (64-bit)** or **Windows 10 (32-bit)** depending on the ISO you downloaded.
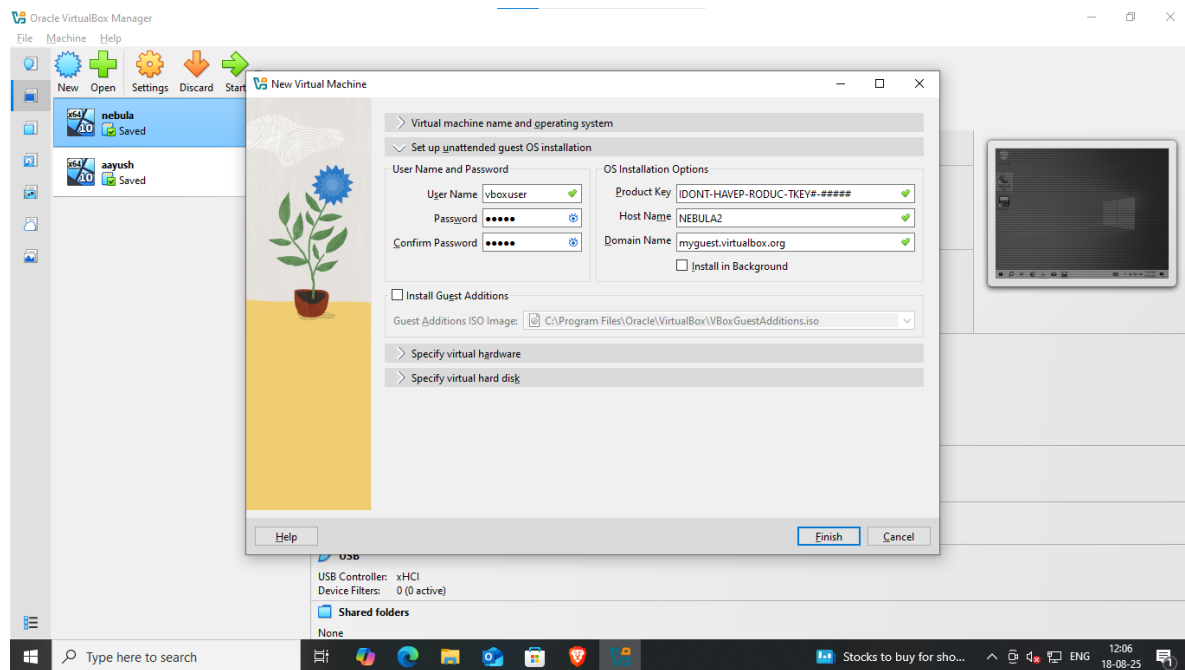   o Click **Next**.

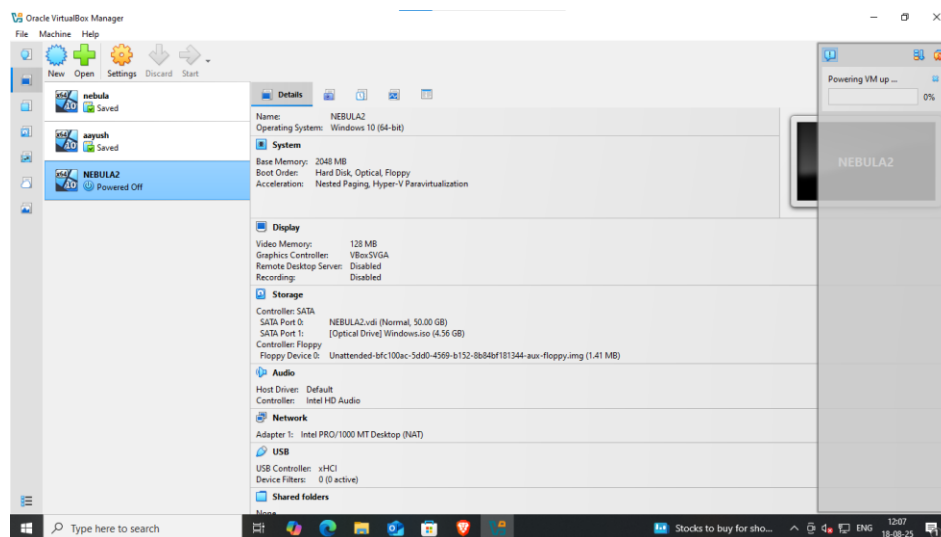4. Navigate to ISO image and select the Windows 10 ISO file you downloaded.

   Click **OPEN**

5. Now click on set up unattempted guest OS installation.And in the place of product key enter "IDONTHAVEPRODUCTKEY" and set password . click on finish.

6. Set the **Memory size (RAM)** for the VM. It is recommended to allocate at least **4096 MB (4 GB)** for Windows 10.
   - o Adjust the slider or type in the value, then click **Next**.
7. Set the size of the virtual hard disk. It is recommended to allocate at least **50 GB**.
   - o Choose the location or leave default and click **Create**.
8. Start the VM by selecting it and clicking **Start**.

9. The VM will boot from the Windows 10 ISO, and you can proceed with installing Windows 10 inside the virtual machine by following the on-screen instructions.

End of Procedure