PRACTICAL - 3

AIM: <u>To install Windows Server 2016 network operating system.</u>

Step 1: Download Windows Server 2016 ISO
- Go to the official Microsoft Windows Server 2016 download site.
- Choose the appropriate version (Standard Evaluation with Desktop Experience).
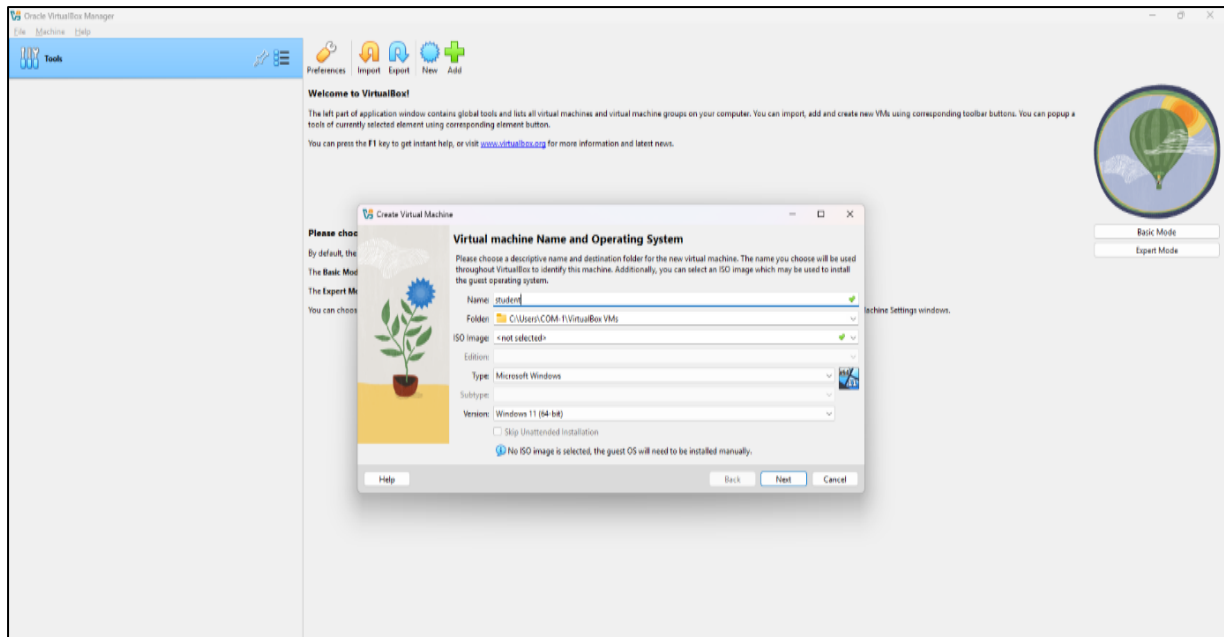- Download the **ISO file** to your system.

Step 2: Open VirtualBox
- Launch **Oracle VirtualBox** on your computer.
- Click on the "**New**" button to start creating a new Virtual Machine (VM).
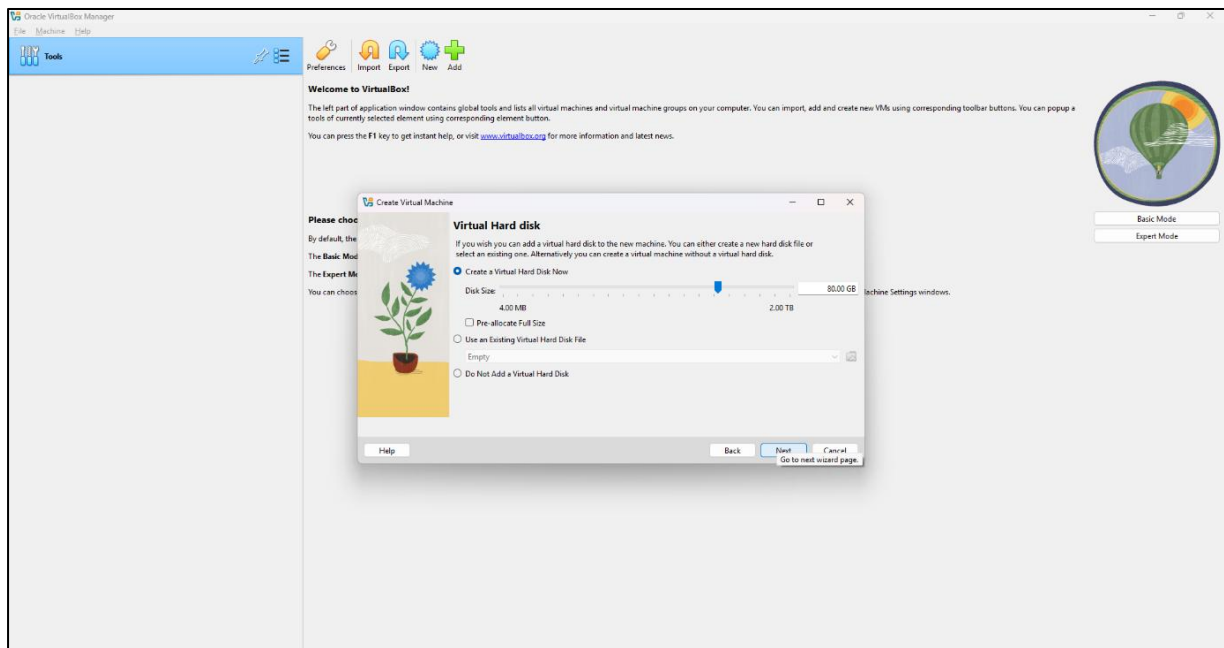- A dialog box will appear where you need to enter VM details.

Step 3: Configure VM Settings and Windows Server ISO
- **Name the VM**: Enter a meaningful name (e.g.,WindowsServer2016).
- **Select Type**: Choose **Microsoft Windows**.
- **Select ISO**: Browse and select the **Windows Server 2016 ISO** you downloaded.
- **Select Version**: Choose **Windows Server 2016 (64-bit)**.
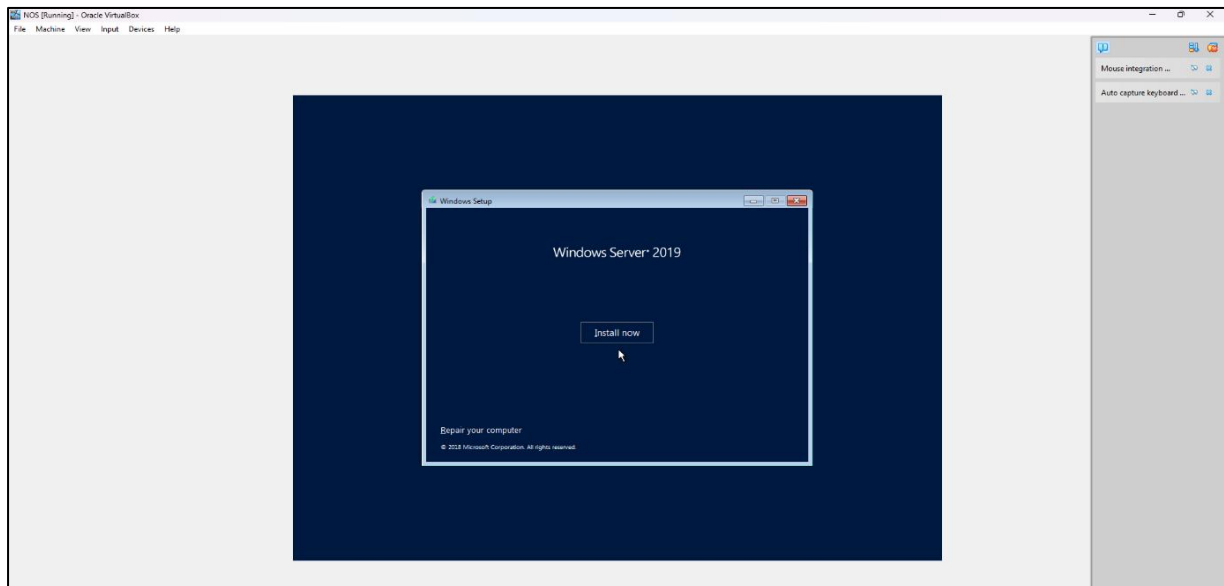- Click **Next** to proceed.

Step 4: Allocate Memory (RAM)

- Set RAM (min 2GB), CPUs (min 2), and disk space (40GB+), check the box labelled Create   a virtual hard disk now in the Hard disk section. Last, click one next.
- Assign at least **2GB (2048MB)** of RAM (recommended: **4GB or more** for better performance).
- Click **Next** to proceed.
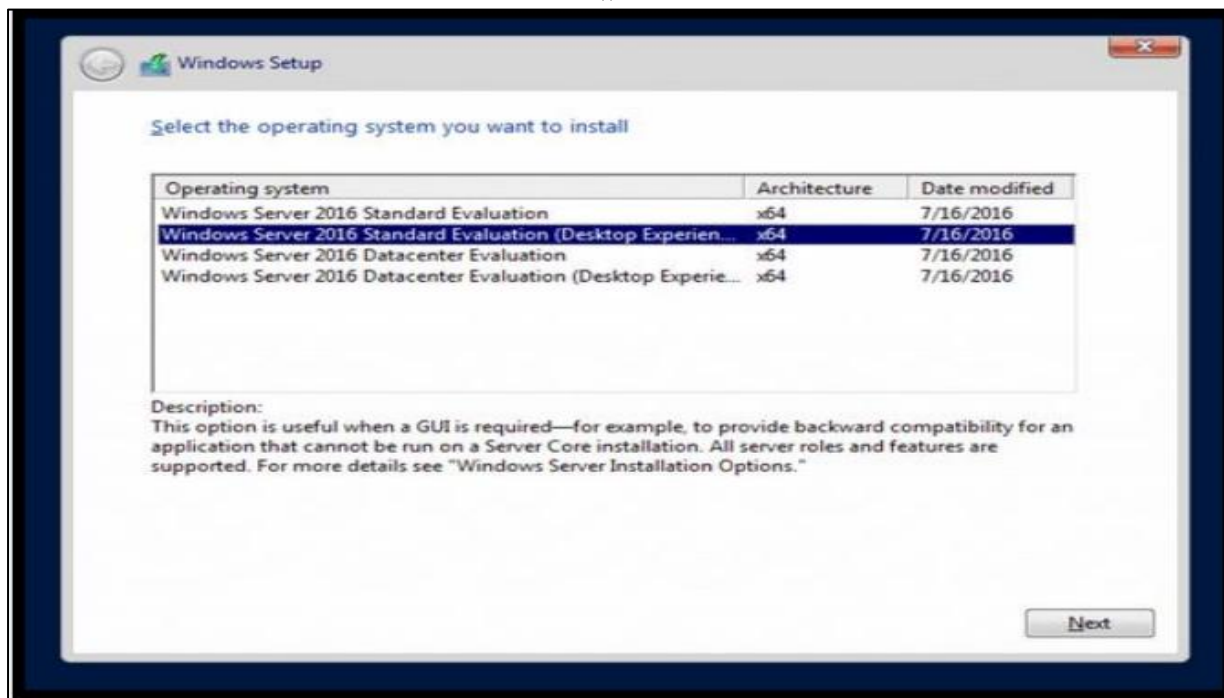
Step 5: Start Installation

- Click **Install Now** to begin the installation process.
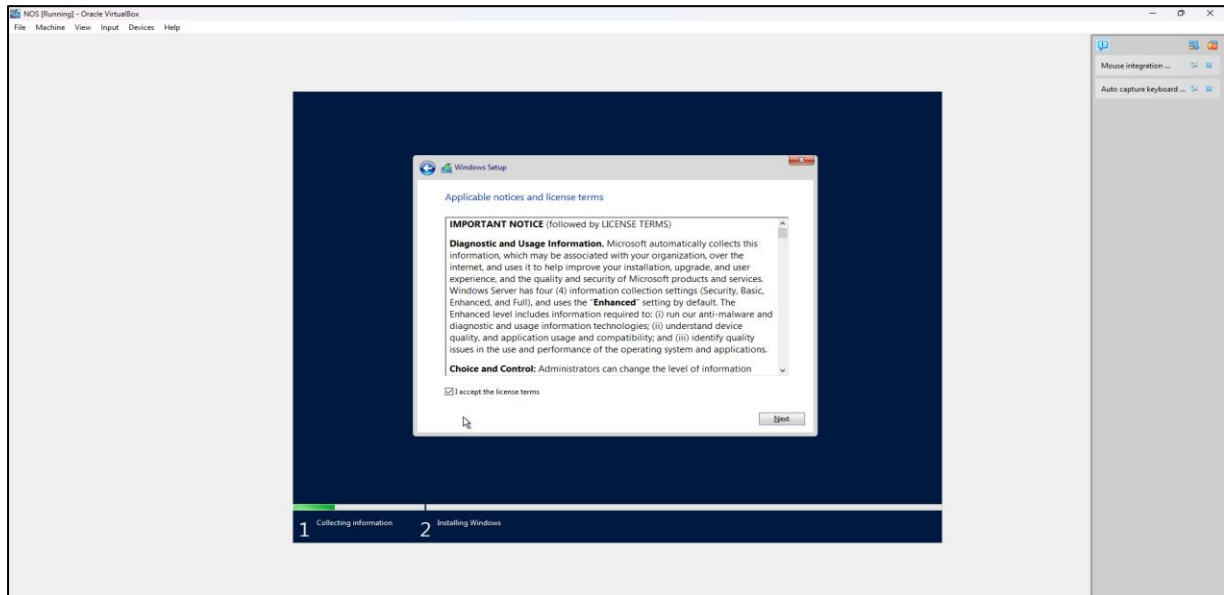

Step 6: Select OS

- Choose **Windows Server 2016 Standard Evaluation (with Desktop Experience)**.
- Click **Next**.

w

Step 7: Follow the setup, accept terms

- Read the license agreement.
- Check the **"I accept the license terms"** box.
- Click **Next**.

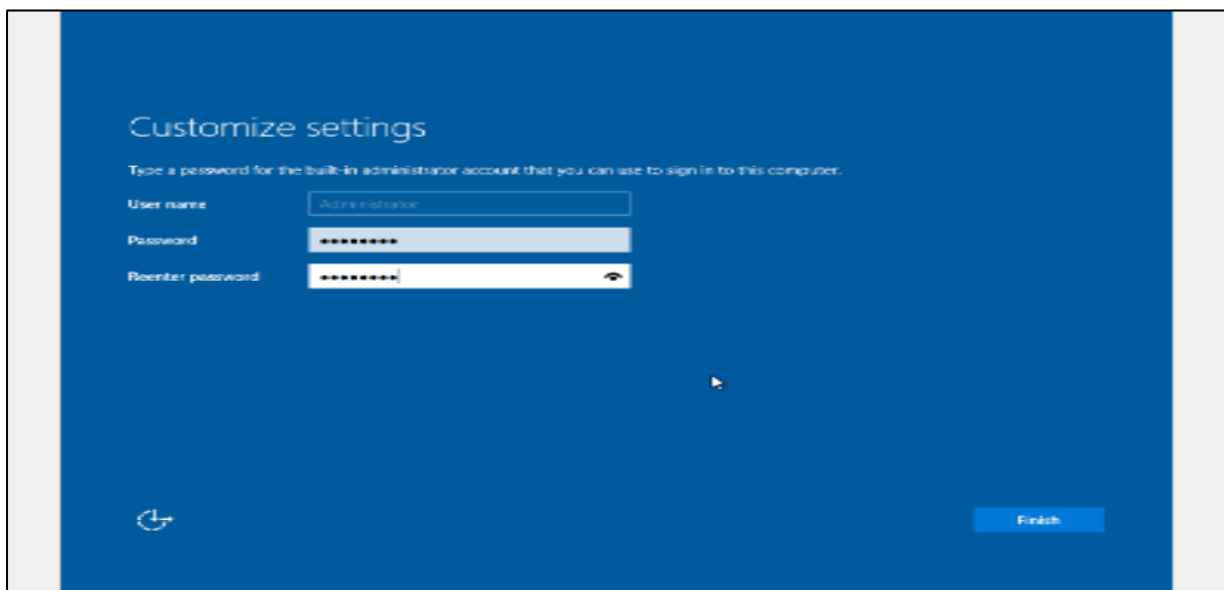

Step 8: Wait for Installation to Complete

- The installation will take several minutes.
- Your VM will restart automatically.
- Follow any on-screen instructions.

Step 9: Finish Setup

- Create a user and Enter a secure password and confirm it.
- Windows Server is ready.

Step 10: Login to Windows Server

- Press **Ctrl** + **Alt** + **Del** (VirtualBox shortcut: Right Ctrl + Del).
- Enter the Administrator password.
- Click **Sign in**.