

Lab-2: Operating System Installation Assignment

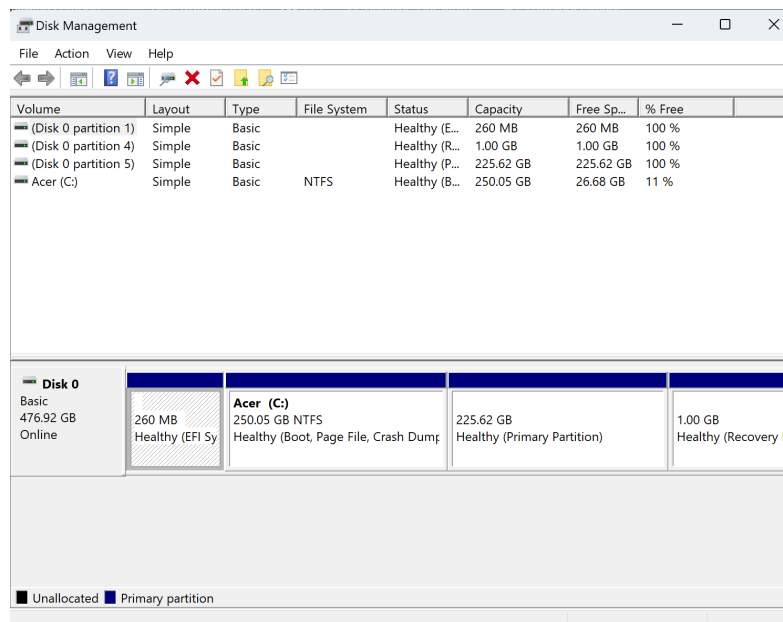
Question 1 : Write steps how a pendrive can be made Bootable?

Steps :

1. Insert USB drive.
2. Open *Rufus* (or similar tool).
3. Select USB under "Device".
4. Choose ISO file (e.g., Windows/Linux).
5. Click **Start**.

Question 2: How to create partition in Windows and Linux?

1. Press **Win + X** → select Disk Management.
2. Right-click a drive → Shrink Volume.
3. Enter size → click Shrink.
4. Right-click unallocated space → New Simple Volume.
5. Follow the wizard → assign drive letter → Finish.



Question 3: How to check system Volume partition style?

1. Press **Win + X** → select Disk Management.
2. Right-click the disk (e.g., Disk 0) → Properties.
3. Go to Volumes tab.
4. Check Partition style:
 - a. MBR (Master Boot Record) or
 - b. GPT (GUID Partition Table).

Question 4 : How to install dual boot window?

1. Create Windows bootable USB using Rufus.
2. Boot into Linux and shrink partition using GParted.
3. Restart and boot from Windows USB.
4. Install Windows on unallocated space.
5. Boot into Linux live USB.
6. Mount Linux partition.
7. Reinstall GRUB via terminal.
8. Update GRUB.
9. Reboot and choose OS from GRUB menu.