

## Ex. No 5

# Virtual Machine Implementation

**Aim:** To implement VirtualBox installation with Ubuntu OS on top of Windows OS.

### Softwares Required

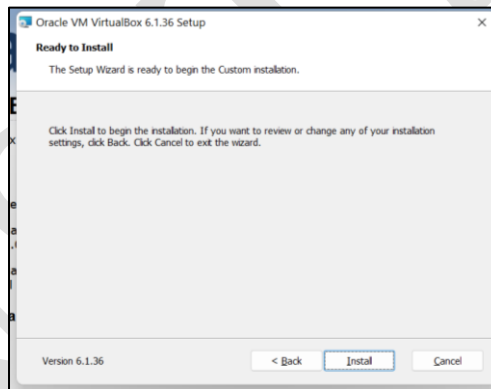
- VM VirtualBox (<https://www.virtualbox.org/wiki/Downloads>)
- Ubuntu OS (<https://ubuntu.com/download/desktop>)

### Procedure:

1. Install VM VirtualBox in your system.



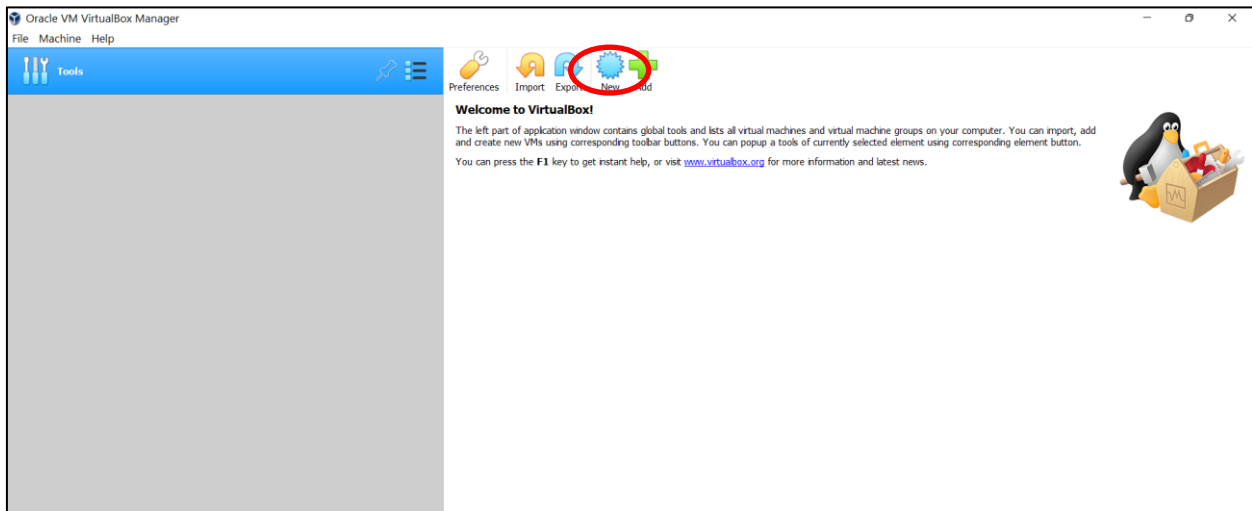
2. Continue in the Installation Wizard and Install software.



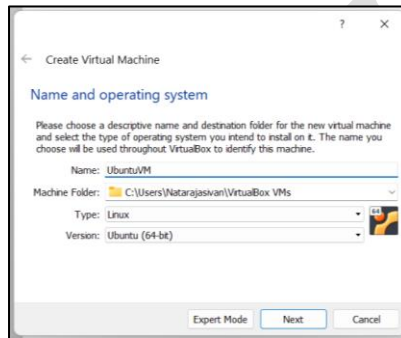
3. Finish the Installation and Start VirtualBox.



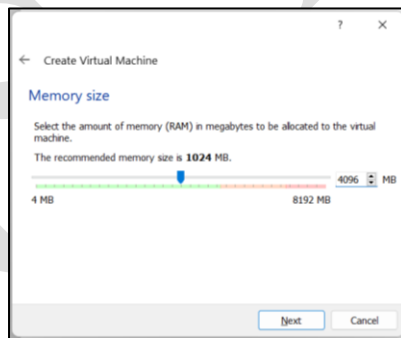
#### 4. Create a New Virtual Machine in VirtuablBox.



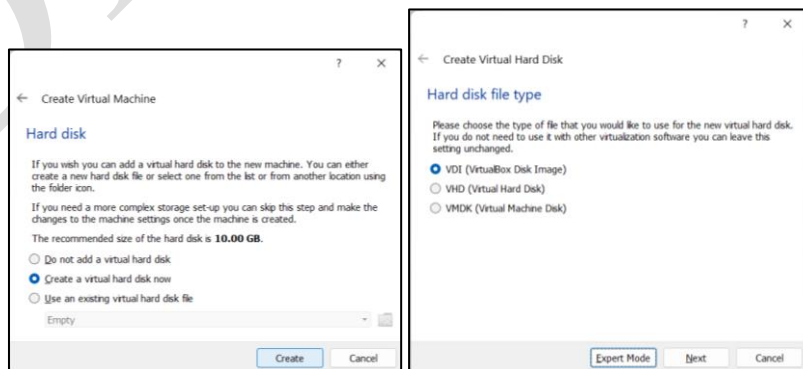
#### 5. Enter Virtual Machine details in Create Virtual Machine section.



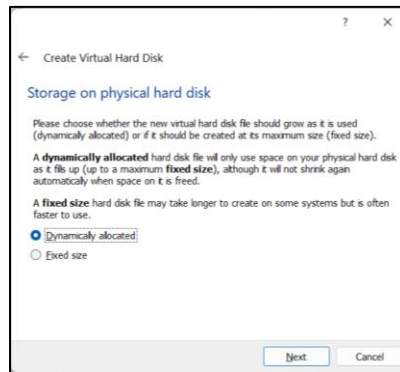
#### 6. Set Memory Size to 4096MB(4 GB).



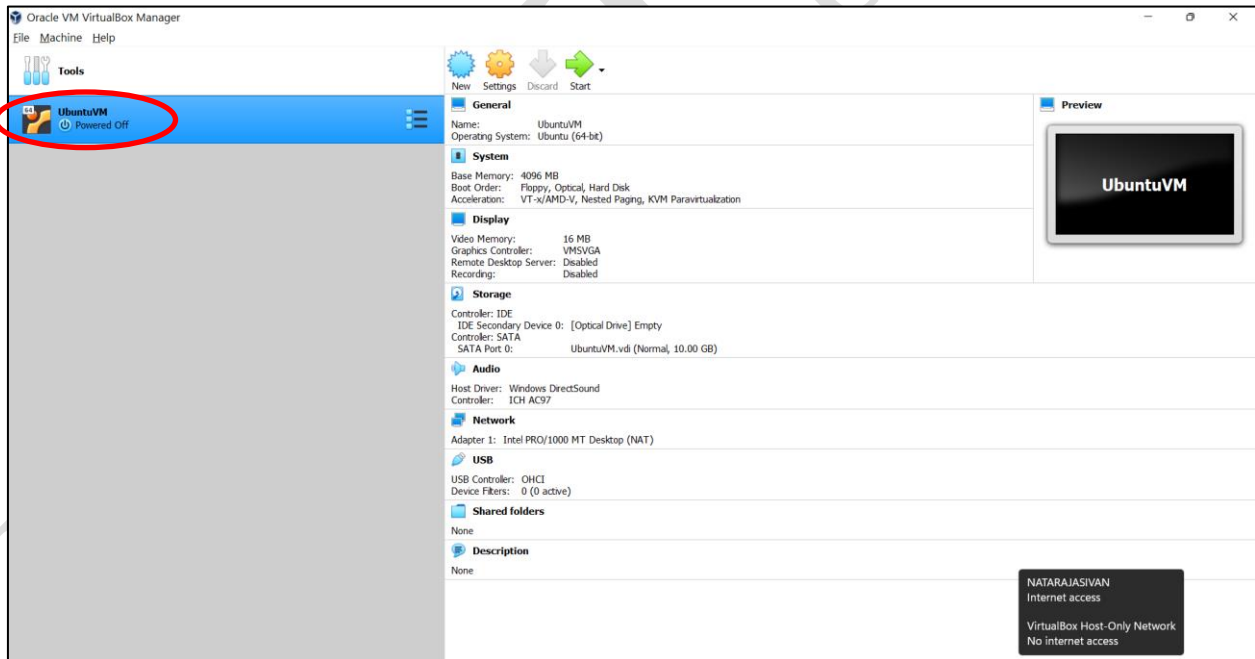
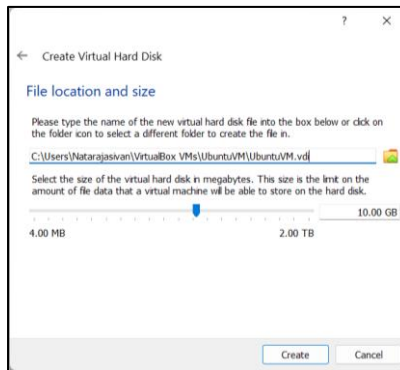
#### 7. Choose "Create Virtual Hard Disk" in Hard Disk section and Hard Disk File Type as VDI.



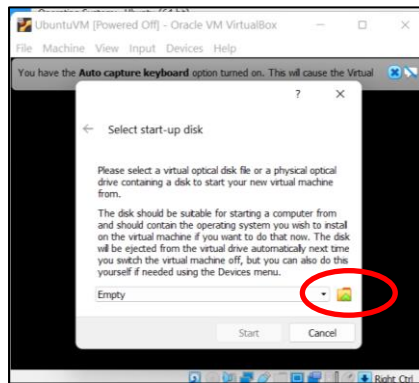
8. Choose “Dynamically Allocated” option in Storage on physical Hard Disk section.



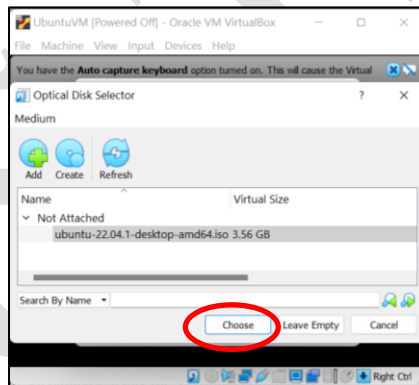
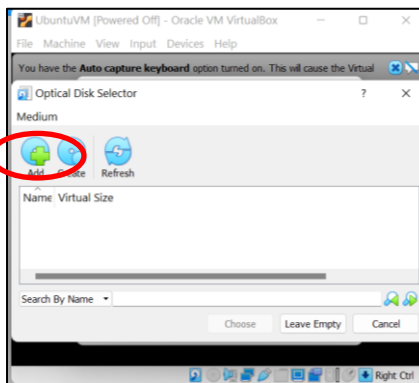
9. Choose File Location and Size for Virtual Hard Disk and create the Virtual Machine



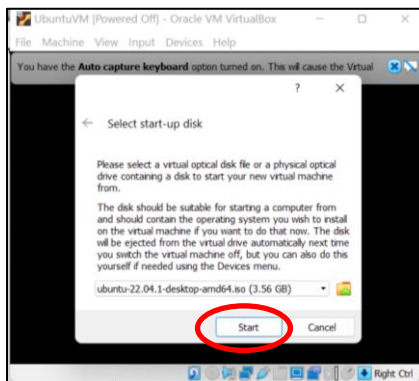
10. Start the Virtual Machine and select “Startup Disk” to load Ubuntu OS.



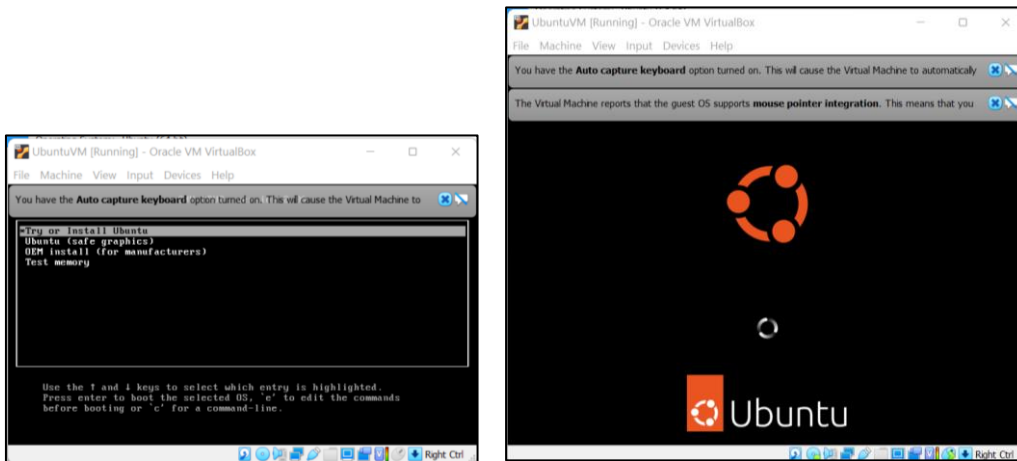
11. Add the Downloaded Ubuntu Installation ISO file from the Optical Disk Selector Menu



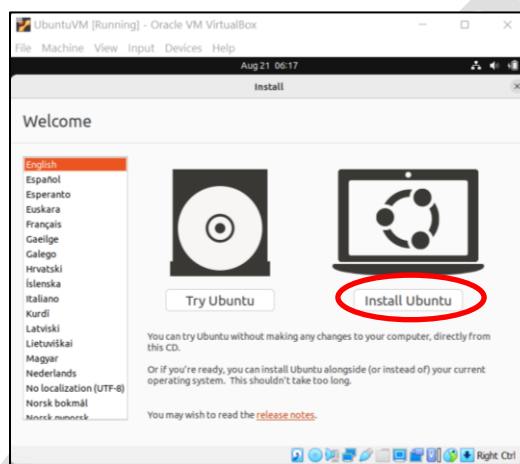
12. Start Ubuntu OS.



### 13. Choose “Try or Install Ubuntu” option from the startup menu



### 14. Install Ubuntu on the Virtual Machine



### 15. Ubuntu will be installed on the Virtual Machine



### Result:

Thus implementation of Ubuntu OS installation on a Virtual Machine using VirtualBox is completed and verified.