VIRTUAL MACHINE : Virtual Machine (VM) is a digital version of a physical computer. Virtual machine software can run programs and operating systems, store data, connect to network, and do other computing function, and require maintenance such as update and system monitoring.

STEPS TO CREATE VIRTUAL MACHINE

step 1 : open a Browser (microsoft edge)

step 2 : Type a virtual box on search box

Download and Install virtualbox in website (https:// www. virtualbox. org/) click oracle virtual box base package 7.0.10

step 3 : In this ord virtual Box of version 7.010

In that ord VM virtual Box slide we want to install windows installer in 64 bit

step 4 : click finish to close the installer and open the virtual Box

step 5 : Get into the Downloaded virtual box

step 6 : create a new virtual machine

click on the "New" botton in the virtual box Manager window to create a new virtual machine

step 7 : Name the virtual machine and click next

virtual box will automatically suggest the type and version of the os used in the virtual machine by using the name

step 8 : set the VM's available memory and click Next. This will vary Depending on your system. we have 8QGB of RAM. so we can assign 8GB (8192MB) to the VM.

step 9 : select a new virtual Hard disk for the VM and click create. This will start the process of creating a file that will Hold the VM's operating system

step 10: Memory (RAM) allocation

choose the amount of RAM you want to allocate to the virtual machine make sure it's within the recommended range to ensure smooth performance

step 11 :

Allocate memory

This Depends on How much memory you have on your Host computer. Never allocate more than Half of your available RAM

step 12 : click the Next Button specify the size of the virtual Hard drive

the Default 50 GB is suitable for installation and leght application, but the size will Depend on the application and files you want to store in the Drive

step 13 : Now the configuration you have choosen for the VM is Displayed and modification can be done by clicking back button or else click Finish

step 14 : Now the virtual Machine is created

shrink and extension

The provision of Decreasing the volume of the given VM is not possible. In simple words, shrinking cannot be done in virtual box

Expansion or enlargement is possible that is the increase of the volume of Given VM can be done