VIRTUAL MACHINE:

Virtual Machine (VM) is a digital version of a physical computer virtual machine software can ran programs and operating system store data, connect to Network and do other computing function, and Require maintance 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 their orcl virtual Box of verision 7.010 In that orcl VM virtual Box slide we want to Install windows Installer in 64 bit.

Step 4 : click finish to close the Installor and open the virtual Box.

Step 5 : Get into the Downloaded virtual box

step 6 : Create a New virtual Machnie 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

User have 32GB of RAM so we can assign 8GB (2192 MB)

to the VM.

Step 9: Select a New virtual Hard disk for the VM

and click create. This until start the process

of creating a file that will Hold the VM's

operating System.

Step 10: Memory (RAM) allocation.

choose the around of RAM you want to allocate

to the virtual 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 50GB is suitable for installation and light Application but the size all 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.

~~step 15~~ :

The provision of decreasing the volume of the given VM is not possible. In simple Words, shrinking connot be done in virtual box.

Expansion or enlargement is possible that is the increable of the volume of given VM can be done.