

## Assignment - 1

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Subject: Virtualization

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How to create a virtual machine in our personal computer  
virtual machine:

Virtual Machine is a software machine that is similar to a host machine that can act independently it simulator host machine / physical machine.

Step 1: For creating a virtual machine we need to install the virtual box in our PC first, virtual box is a powerful cross-platform.

Step 2: We go to the Google chrome and there we install the Oracle virtual Box 7.0.8 in our personal computer.

Step 3: The virtual Box takes a few steps to get install in our PC. The first step is, we want to choose the platform for the virtual machine. There are several types of platforms are available such as windows, Linux, MacOS etc....

Step 4: We choose windows installer for the virtual Box. After it getting downloaded. We open it for the installation process.

Step 5: virtual Box is a user friendly to install. First the welcome to virtual Box, the popup box is displayed in the screen, we



want to click the next button for continuing the installation process.

step 6: And, then the custom setup popup box is displayed in the screen and there are virtual box application options are displayed. We want to click the next button for further process.

step 7: And then it ask the installation we want to click yes for continue the process.

step 8: Now, the virtual box getting ready for install. We click Finish to complete the installation.

Now the virtual box is successfully installed in our PC.

How to create a virtual machine in the virtual box manager.

Step 1: First, we need to go for the Oracle virtual box manager. And then in the File we click the new to create a virtual machine.

step 2: After clicking new we want to give a name for the virtual machine and then we want select a folder for it.



Step 3: And we want to choose the type Microsoft Windows and the version Windows (10) (64-bits)

Step 4: We allocate the hardware, In the base Memory is 2048 MB. and we allocate the processor 1 CPU.

Step 5: And in the Hard disk, we allocate the Hard disk size first we allocate 50 GB. and RAM 4GB for our virtual Machine. And then click Finish to complete the process.

Step 6: Now the virtual Machine is created successfully and the details of the virtual machine is displayed on the screen.

Step 7: We are able to edit our hard disk size for that, we want to go to File and then select tools. In the tools select the virtual Machine Manager.

Step 8: After click that our virtual Machine details are displayed on the screen and then click on it it shows the edit option in the below. We can edit only in increasing order it can't be able to decrease from the allocated memory space.

Step 9: Now the modified details are displayed in the screen.

The virtual Machine is created successfully.