

EXPERIMENT -1

INSTALLVMWARE

OBJECTIVE:

To Install VMWare.

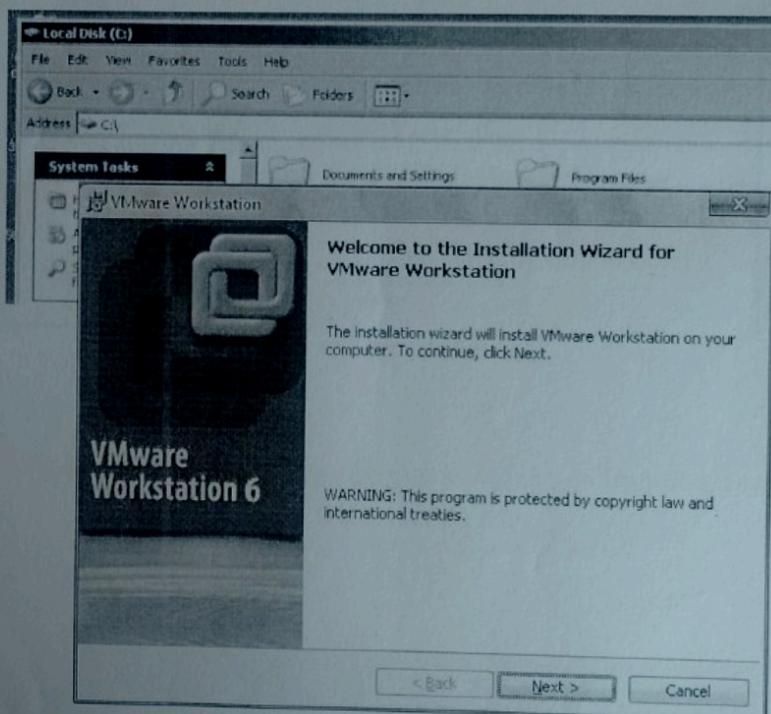
RESOURCES:

VMWarestack, 4GBRAM, Webbrowser, HardDisk80GB.

PROGRAMLOGIC:

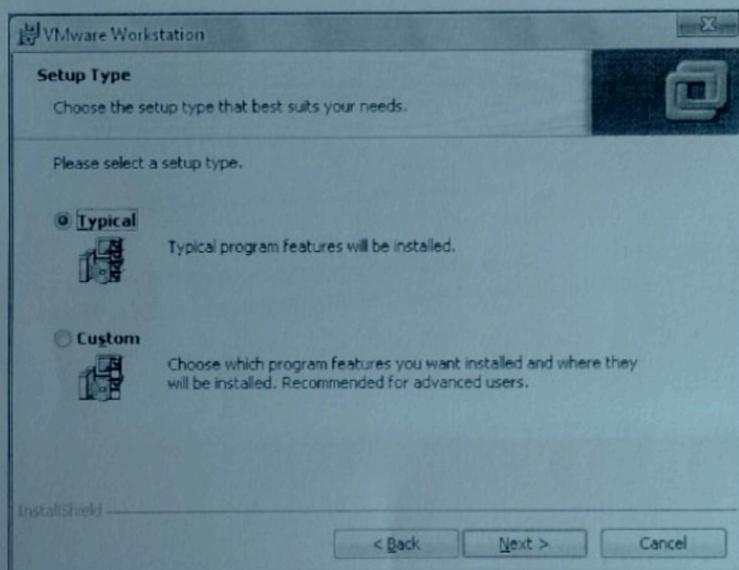
STEP1. First of all, enter to the official site of VMware and download VMware Workstation
<https://www.vmware.com/trylvmware/?p=workstation-w>

STEP2. After downloading VMware workstation, install it on your PC

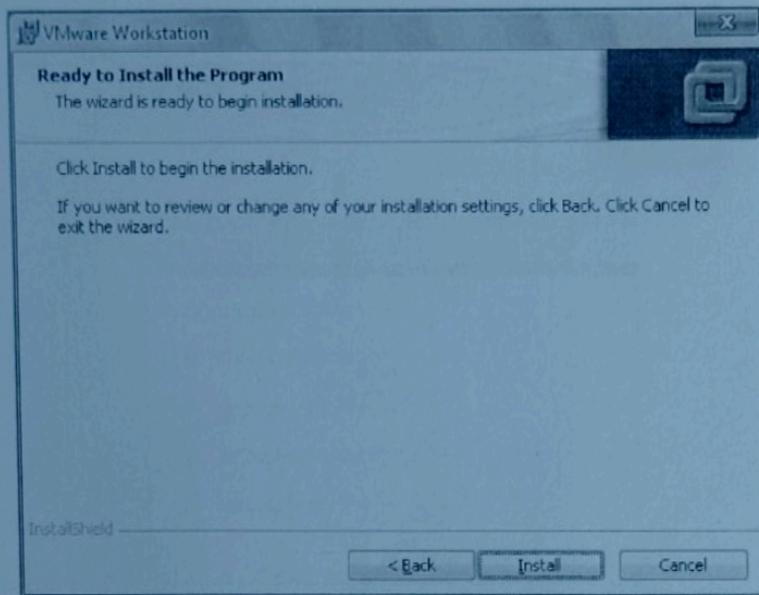


STEP3. Setup will open Welcome Screen

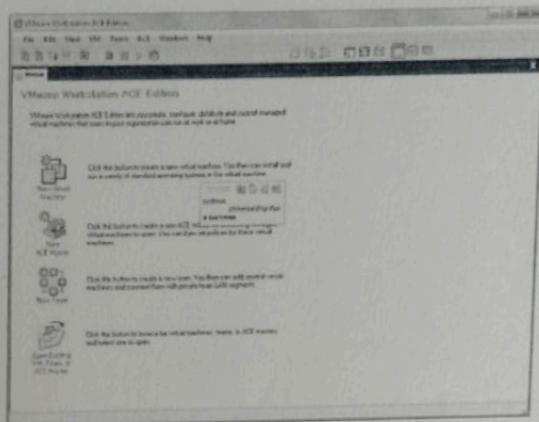
Click on **Next** button and choose **Typical** option



STEP4. By clicking "Next" buttons, to begin the installation, click on **Install** button at the end

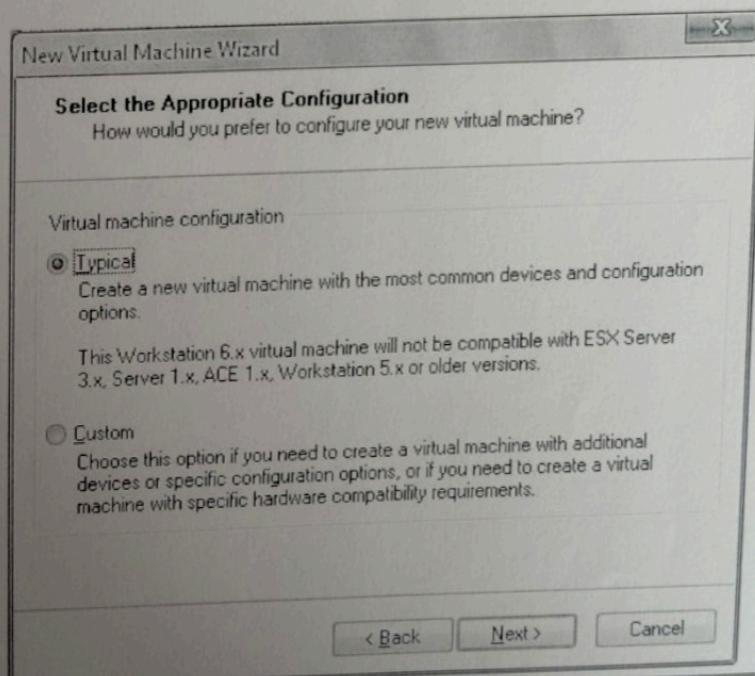


STEP5. This will install VMware Workstation software on your PC. After installation complete, click on **Finish** button. Then restart your PC. Then open this software.



6. In this step we try to create new "virtual machine". Enter to File menu, then New->Virtual Machine

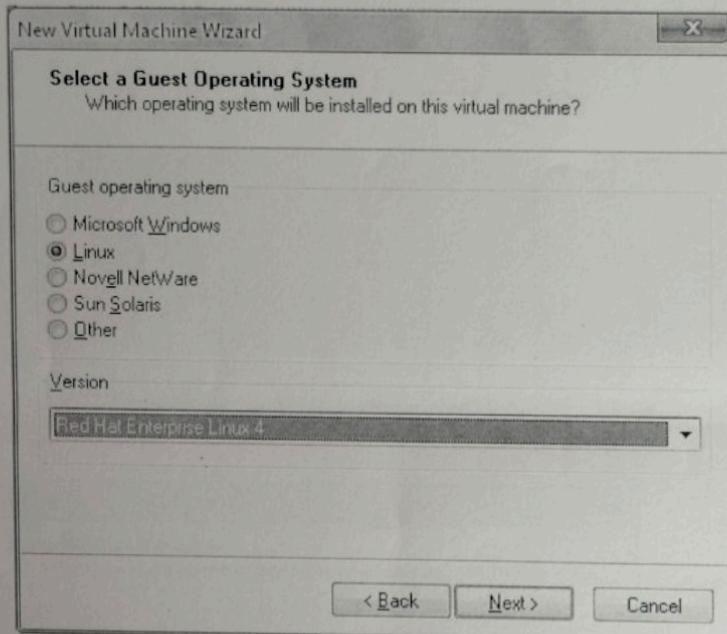
Click on Next button, then check Typical option as below



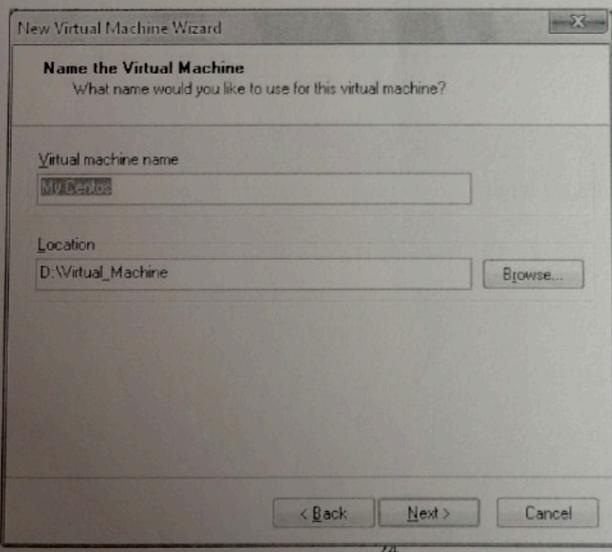
The n click **Next** button, and check your OS version. In this example, as we're going to setup Oracle server on CentOS, we'll check Linux option and from "version" option we'll check Red Hat.

EnterpriseLinux4

By clicking Next button, we'll give a name to our virtual machine, and give directory to create this new virtual



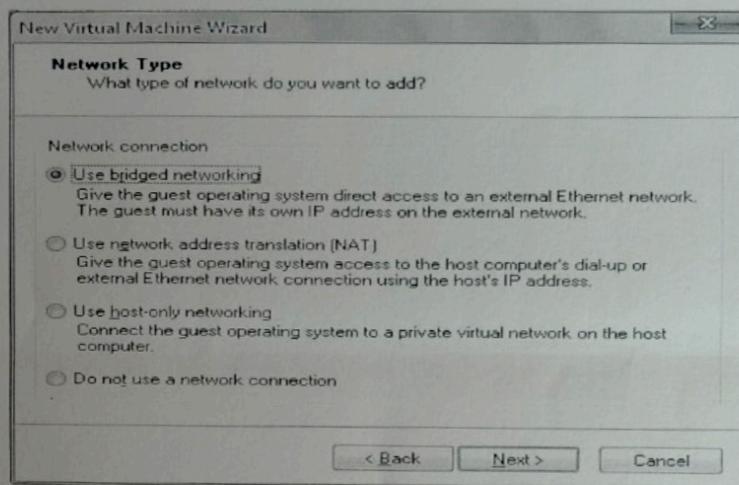
machine



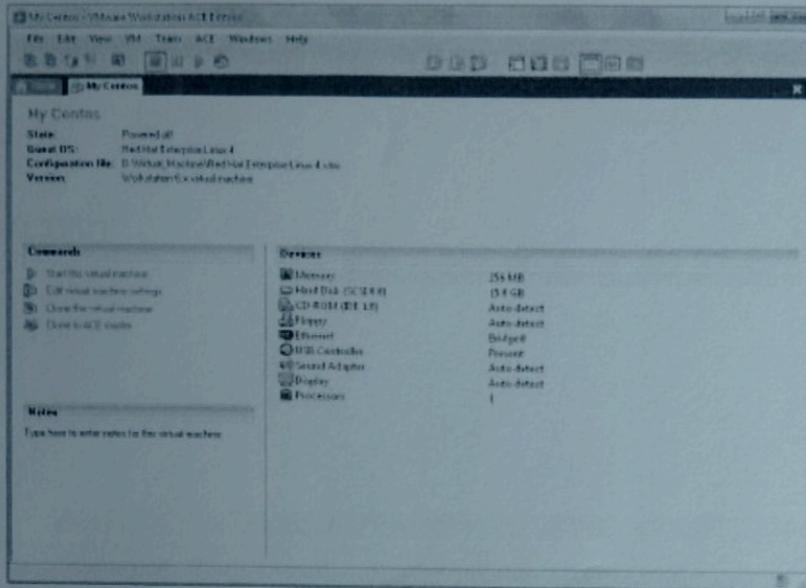
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Then select

Use bridged networking option and click **Next**.

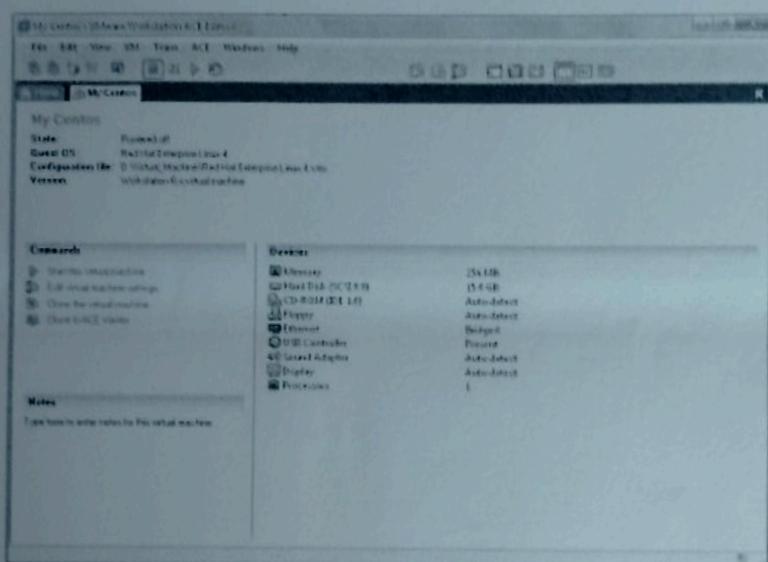


Then you've to define size of hard disk by entering its size. I'll give 15 GB hard disk space and please check **Allocate all disk space now** option.



Here, you can delete **Sound Adapter**, **Floppy** and **USB Controller** by entering "Edit virtual machine settings". If you're going to setup Oracle Server, please make sure you've increased your Memory (RAM) to 1GB.

INPUT/OUTPUT



PRELAB VIVA QUESTIONS:

1. What is VM Ware stack?
2. List out various data formats?
3. List out the characteristics of big data?

LABASSIGNMENT:

1. InstallPig?
2. InstallHive?

POSTLABVIVAQUESTIONS:

1. ListoutvariousterminologiesinBigDataenvironments?
2. Definebigdata analytics?