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Experiment 11

**Aim:** Installation of Linux distribution (RHEL) server

Linux can be installed either through your drive by using a DVD-ROM oris contemporarily available for installation even through USB stick. We will be considering installation of Linux via ISO files (which can be downloaded through the internet).

Steps: Installation of Linux via ISO file

1) After installation in the chosen drive *open* **VMWare Workstation**from your machine. Make sure the drive (C: /D: /E:) wherever youinstall from the ISO file has adequate space in GBs prior to installation (this is the start screen after you open the VMWare Workstation application).
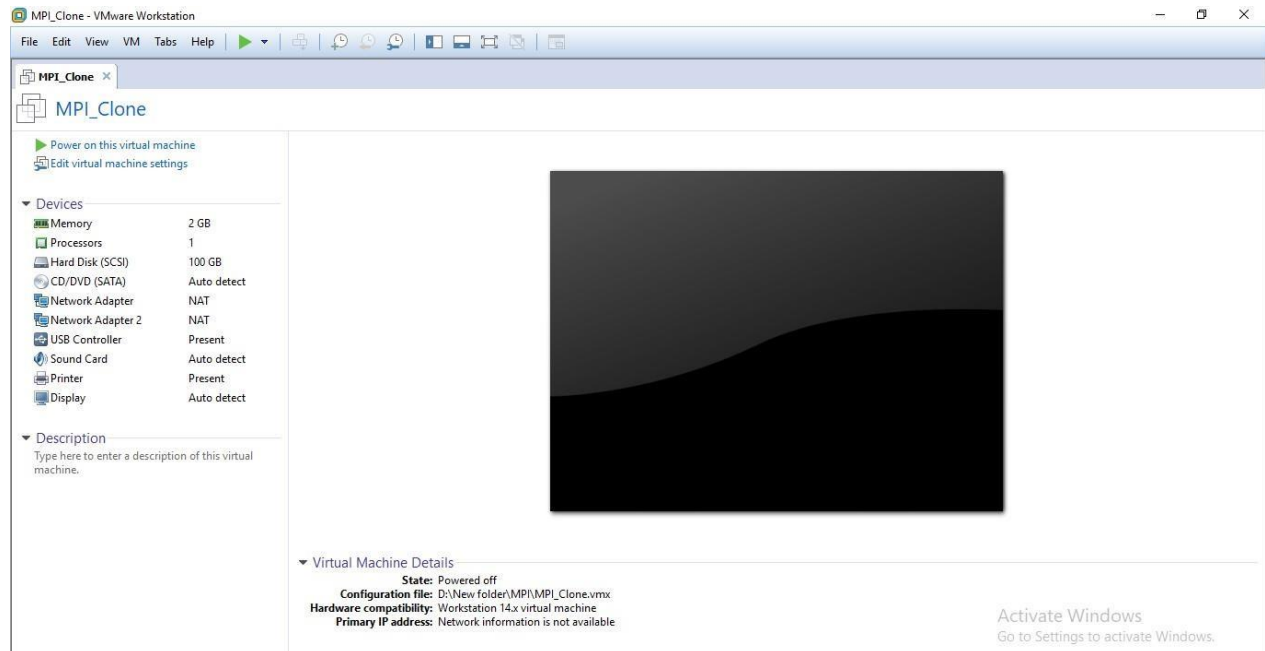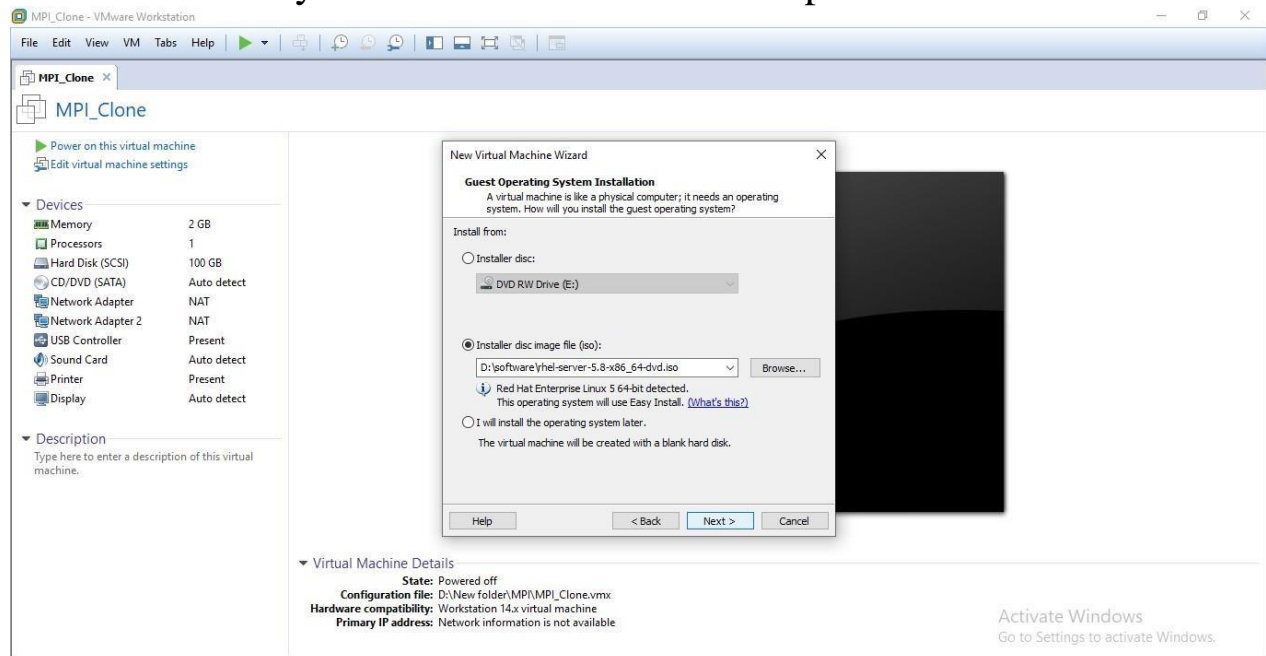
2) Whenever you want to use Linux you can create a VM (virtualmachine) in this way. After you *click* on "**FILE**" go to "**New Virtual Machine**"
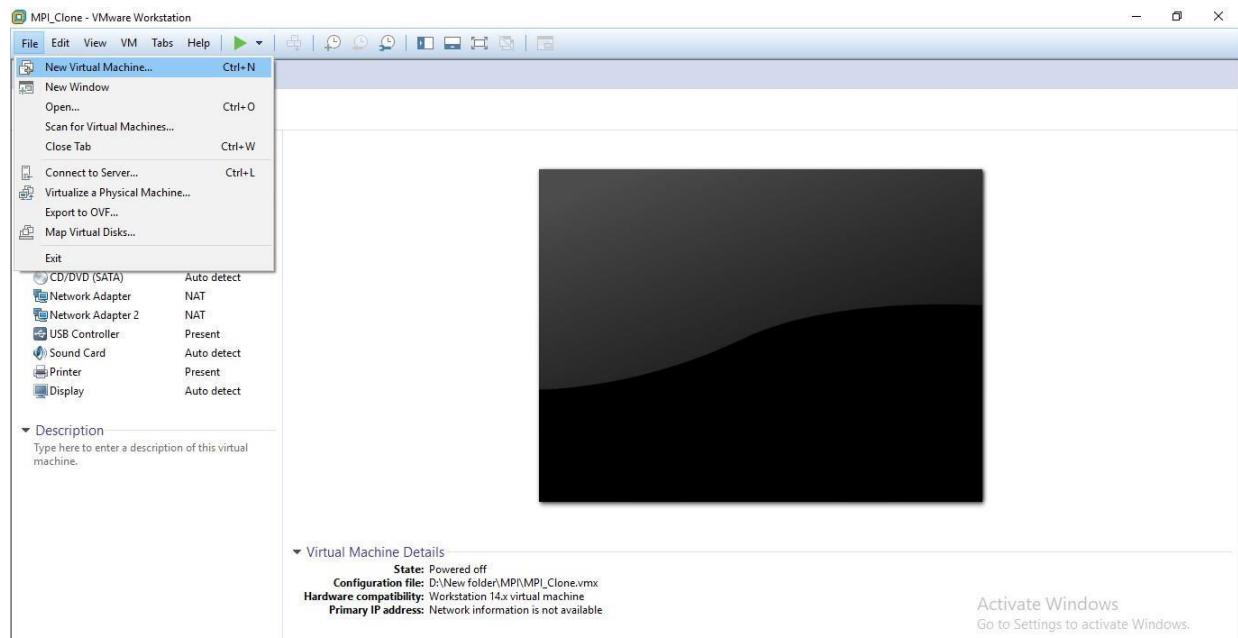
3) Follow the next set of steps for installing the VMWareWorkstation on your device.
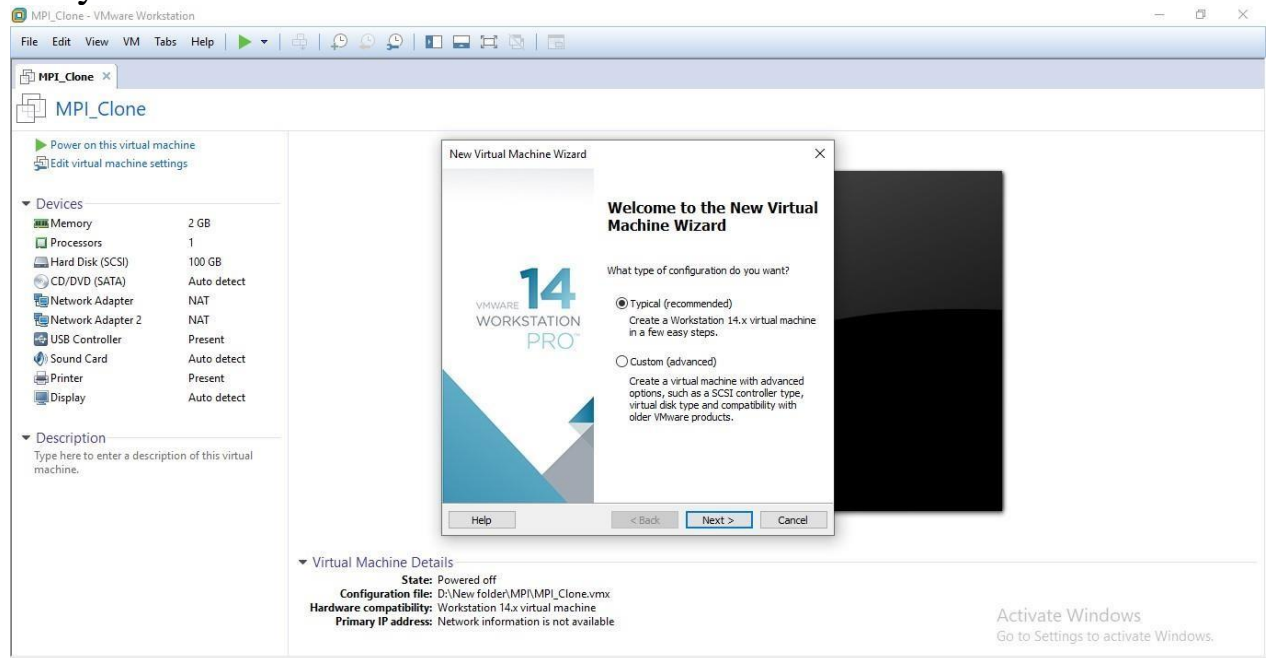
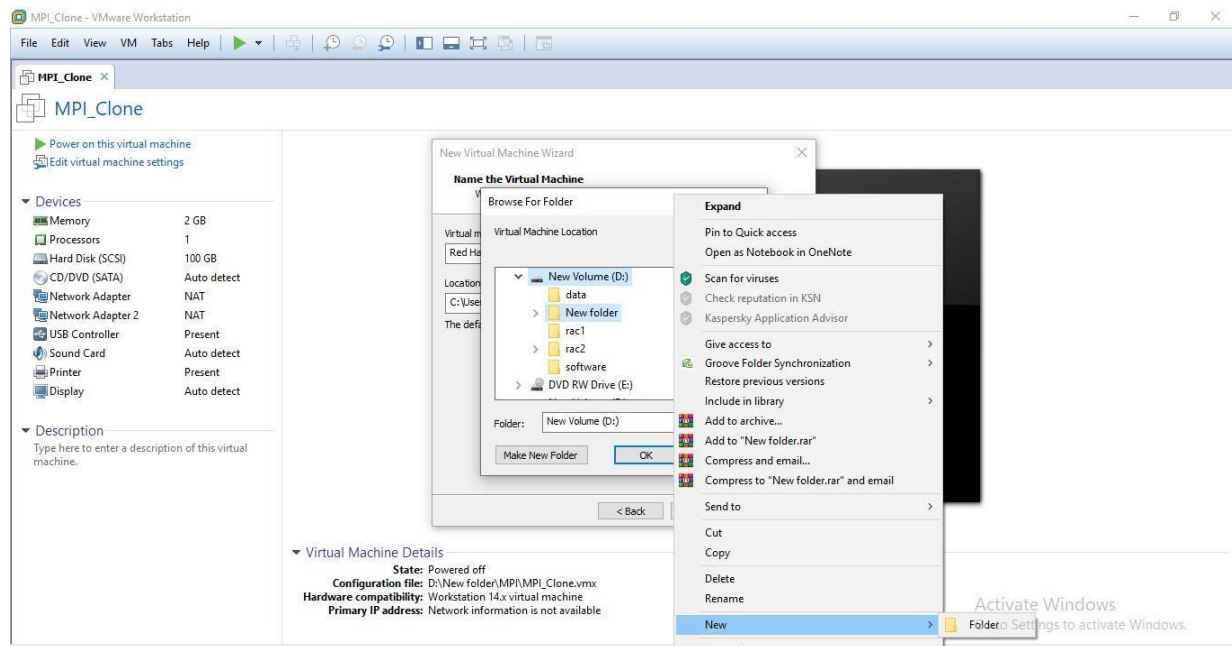4) Choose from where you want to *copy* the ISO that you have downloaded on your machine & if saved on a particular drive.
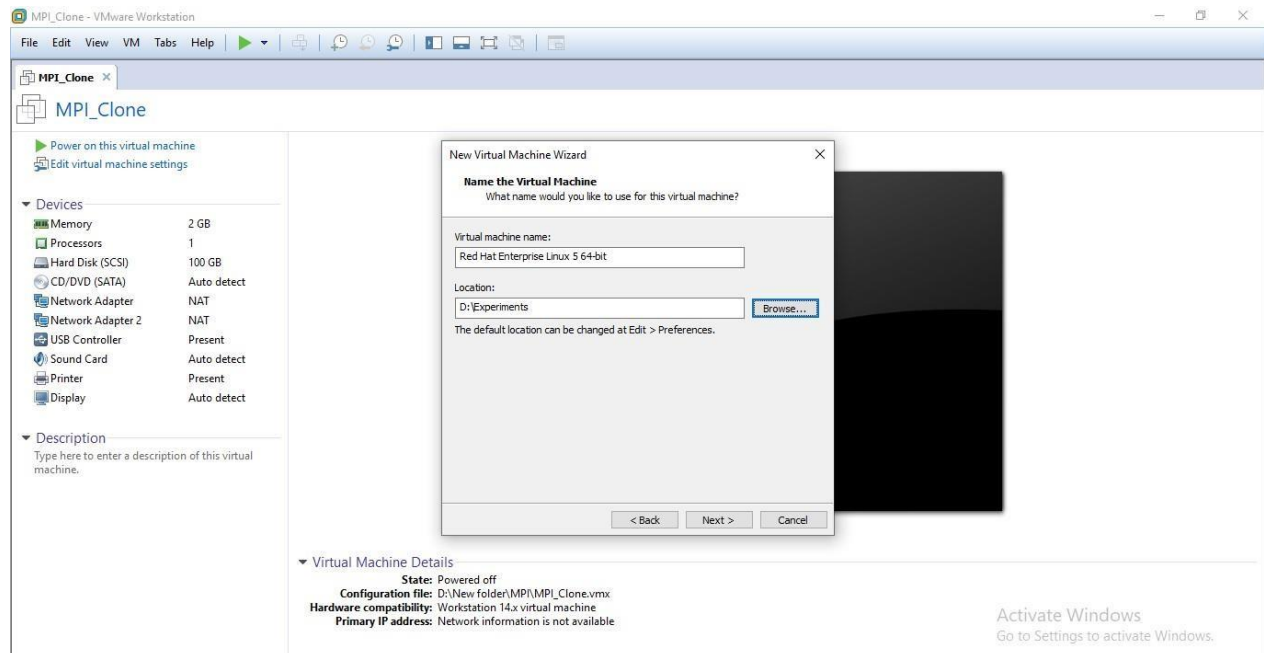

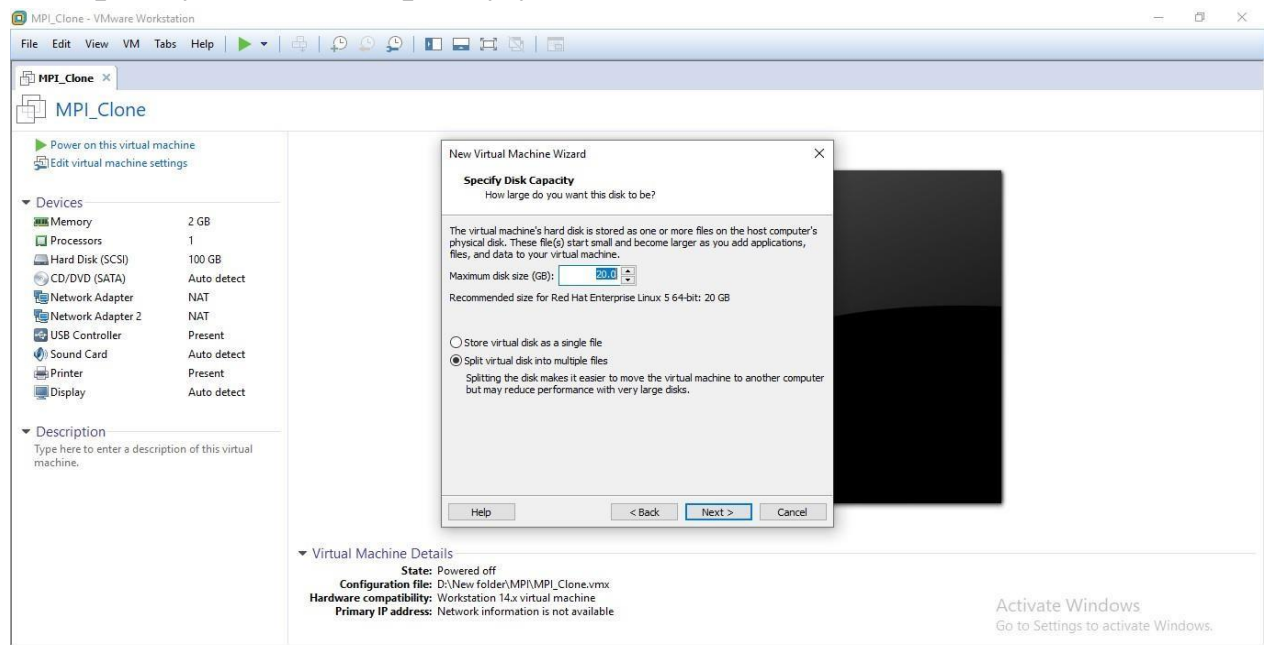5) Provide details for the "personalized Linux set-up"|
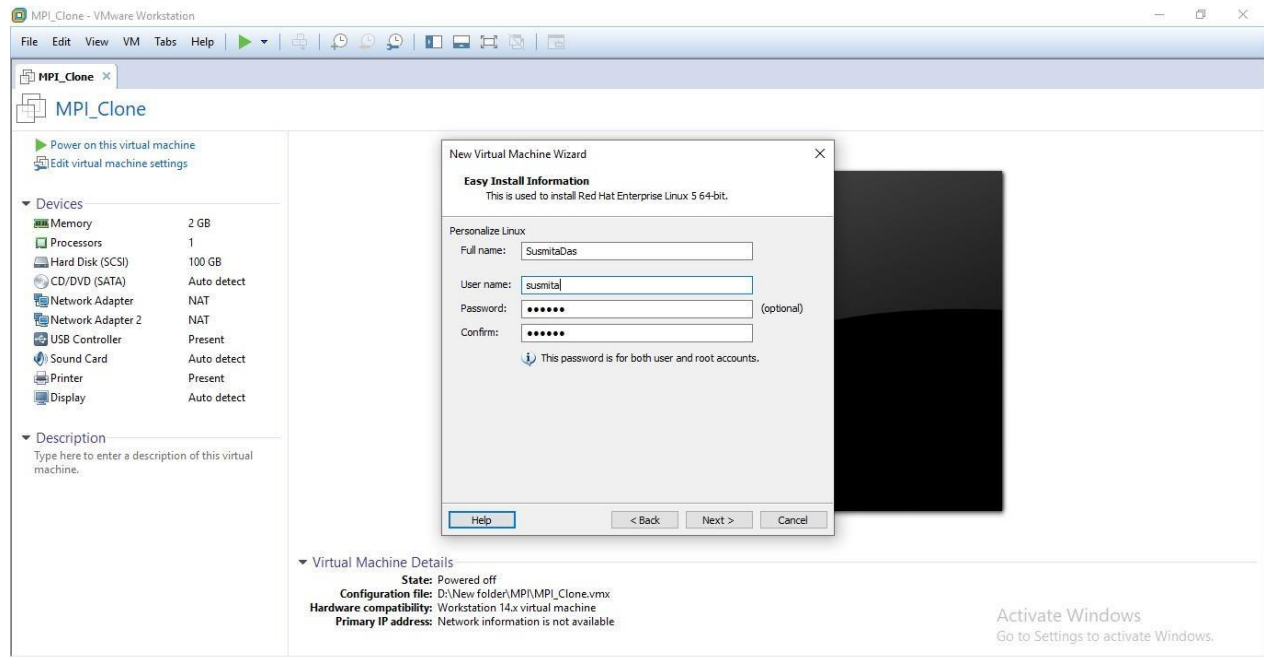
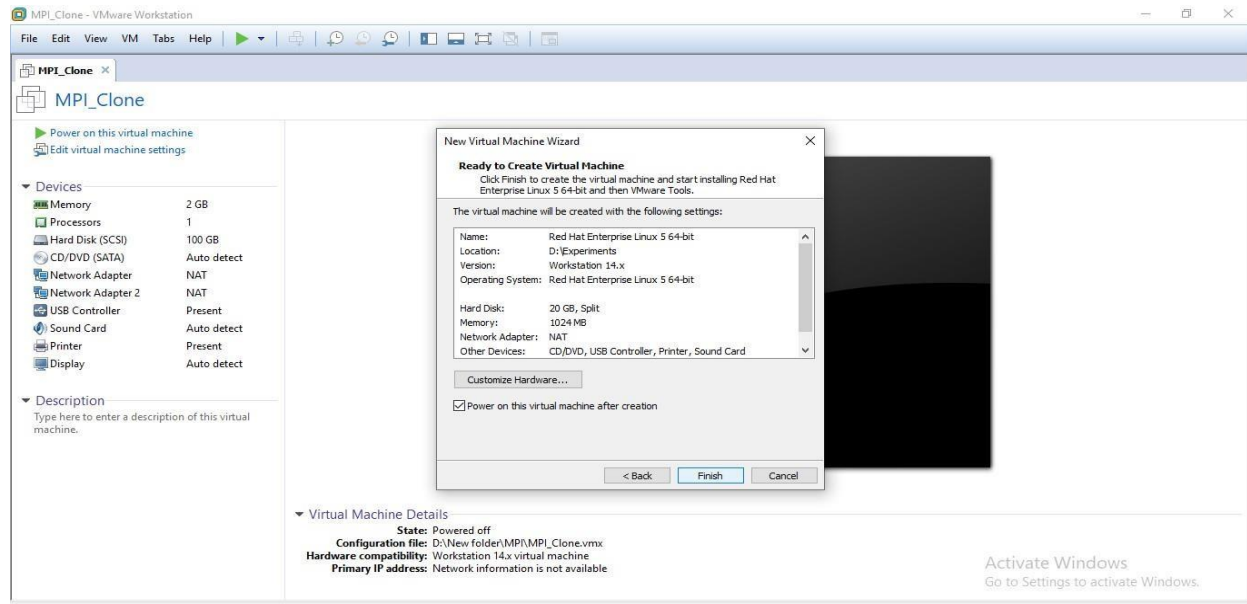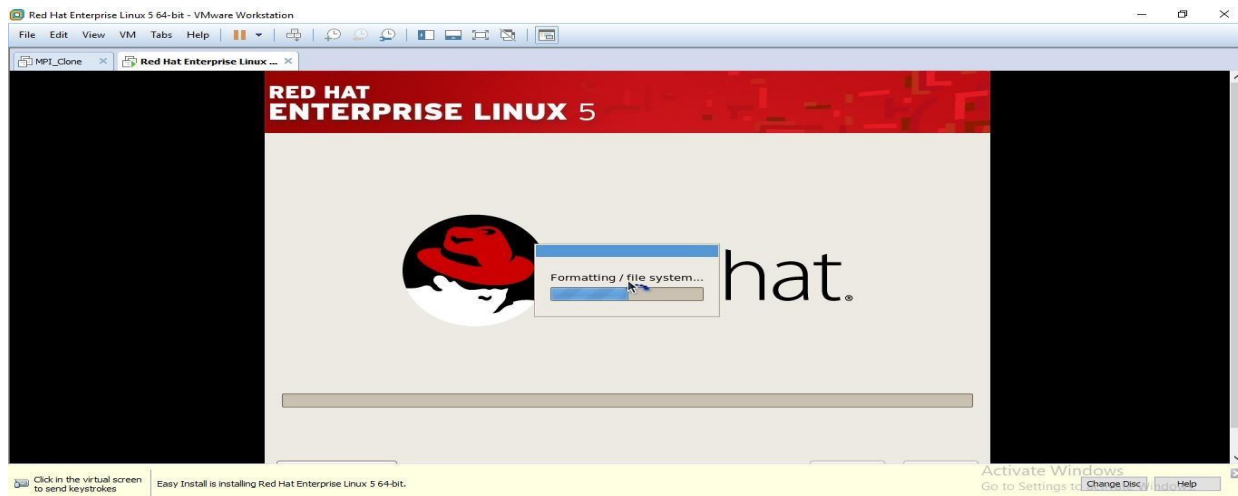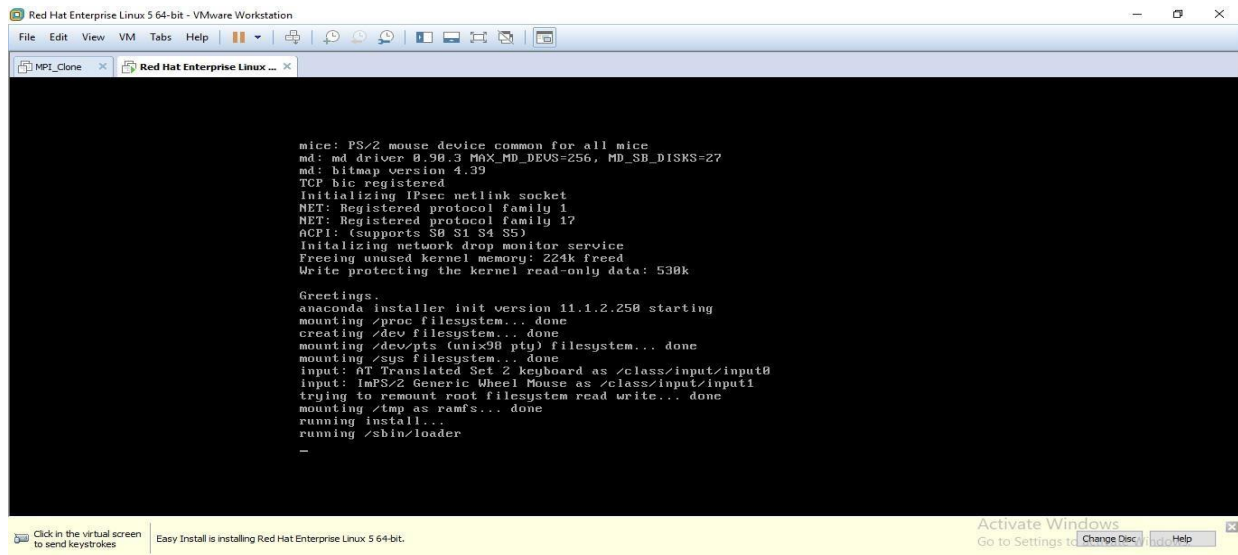6) Provide a space (drive) to save your data for the VM created.

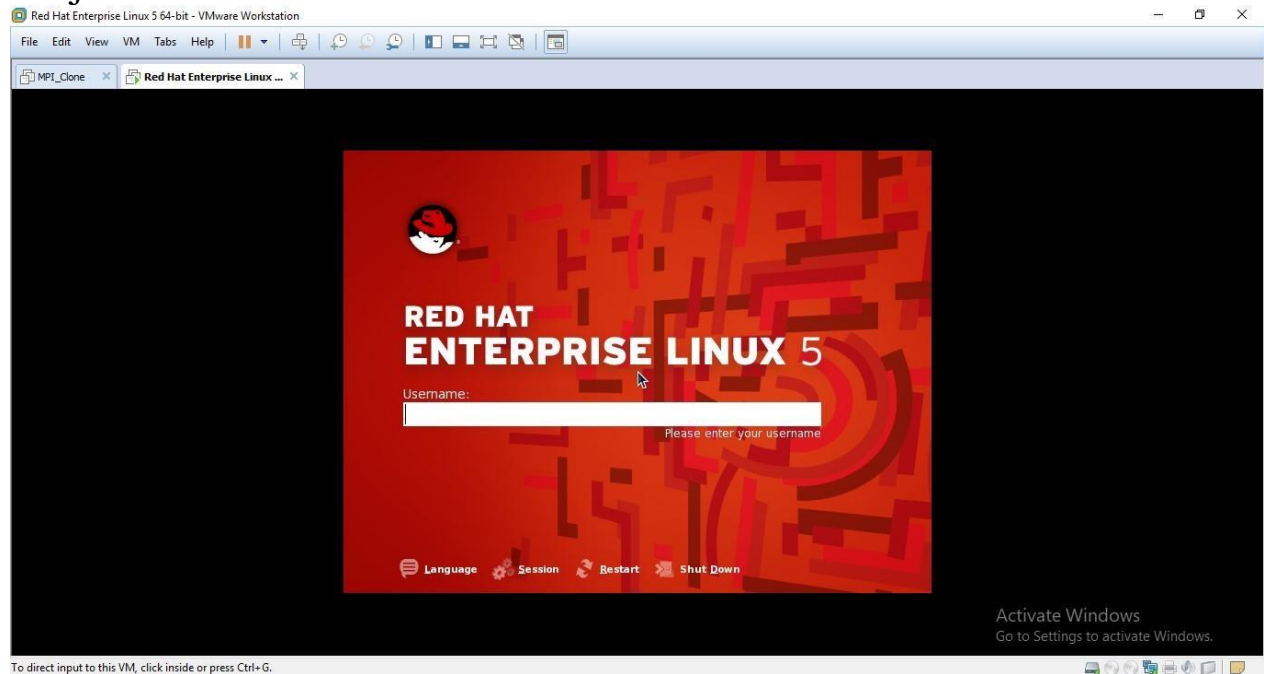7) Specify the Disk capacity you want to allocate for the VM

8) The VM is thus ready to be installed.

9) Following are the steps in auto-installing RHEL on your machine.

Red Hat Enterprise Linux 5 64-bit - VMware Workstation

File   Edit   View   VM   Tabs   Help

MPI_Clone   Red Hat Enterprise Linux ...

```
mice: PS/2 mouse device common for all mice
md: md driver 0.90.3 MAX_MD_DEVS=256, MD_SB_DISKS=27
md: bitmap version 4.39
TCP bic registered
Initializing IPsec netlink socket
NET: Registered protocol family 1
NET: Registered protocol family 17
ACPI: (supports S0 S1 S4 S5)
Initalizing network drop monitor service
Freeing unused kernel memory: 224k freed
Write protecting the kernel read-only data: 530k

Greetings.
anaconda installer init version 11.1.2.250 starting
mounting /proc filesystem... done
creating /dev filesystem... done
mounting /dev/pts (unix90 pty) filesystem... done
mounting /sys filesystem... done
input: AT Translated Set 2 keyboard as /class/input/input0
input: ImPS/2 Generic Wheel Mouse as /class/input/input1
trying to remount root filesystem read write... done
mounting /tmp as ramfs... done
running install...
running /sbin/loader
_
```

Click in the virtual screen to send keystrokes   Easy Install is installing Red Hat Enterprise Linux 5 64-bit.   Change Disc   Help

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Red Hat Enterprise Linux 5 64-bit - VMware Workstation

File   Edit   View   VM   Tabs   Help

MPI_Clone   Red Hat Enterprise Linux ...

RED HAT
ENTERPRISE LINUX 5

Formatting / file system...

hat.

Click in the virtual screen to send keystrokes   Easy Install is installing Red Hat Enterprise Linux 5 64-bit.   Change Disc   Help

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Red Hat Enterprise Linux 5 64-bit - VMware Workstation

File   Edit   View   VM   Tabs   Help

MPI_Clone   Red Hat Enterprise Linux ...

ENTERPRISE LINUX 5

redhat.

Installing foomatic-3.0.2-38.3.el5_7.1.x86_64 (35 MB)   Remaining time: 2 minutes
Foomatic printer database.

Release Notes   Back   Next

10) This is your **Homepage** for RHEL where you submit your details justcreated.
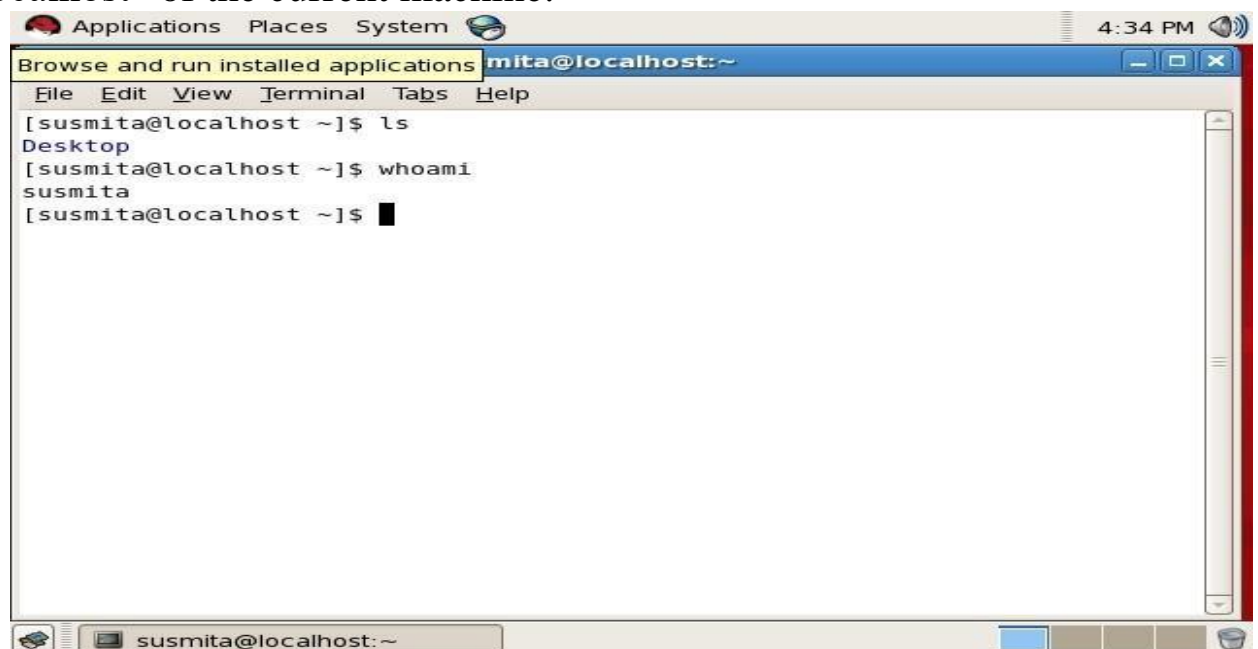

11) Enter your **Username** and **Password**
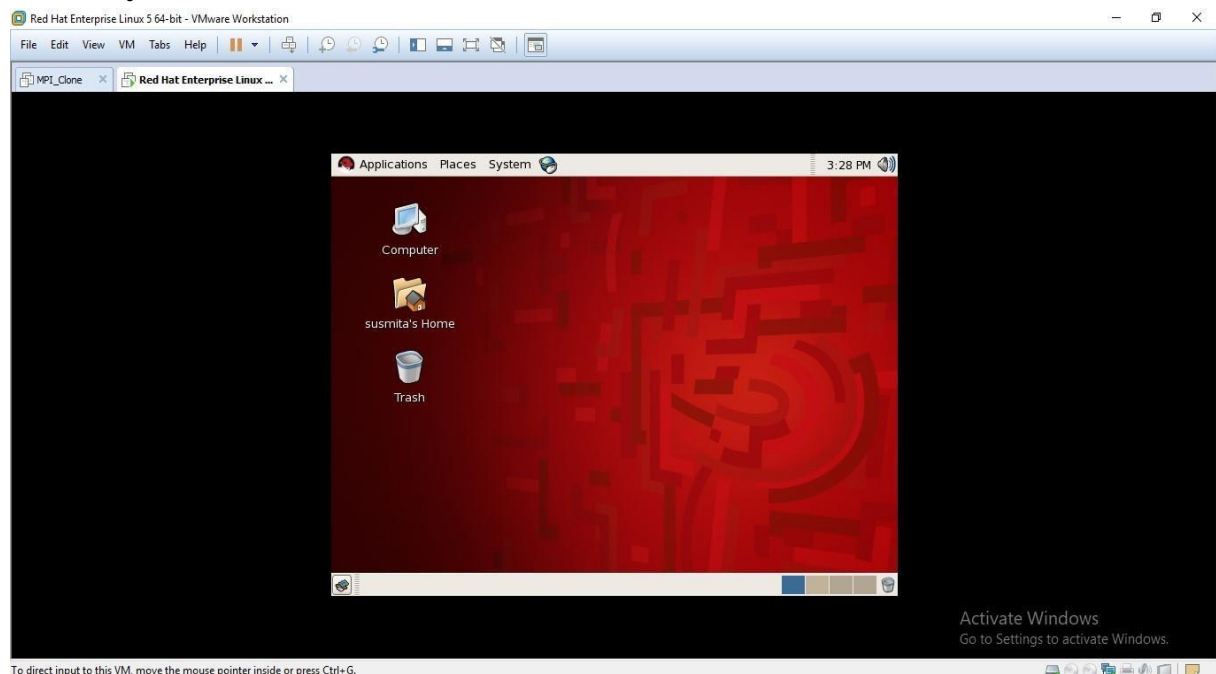
12) On your **Home** screen, Right click to get the next screen (**The CLIterminal screen for Linux**).

You can check a few commands (like "*whoami*") to identify the "localhost" of the current machine.

Hence, we have understood and executed the steps for successfully installing Linux in our system for further usage.