

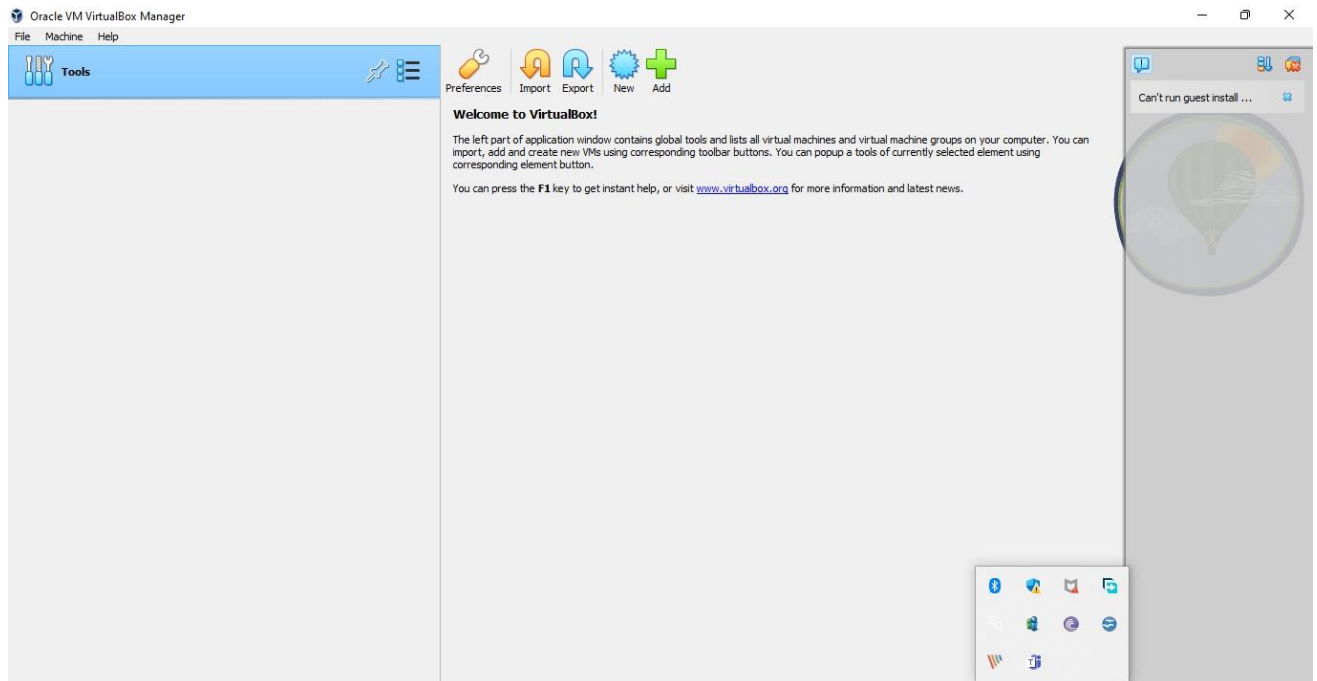
How to create and start a virtual machine with Oracle Virtual Box

Download Oracle Virtual Box from

<https://download.virtualbox.org/virtualbox/7.0.8/VirtualBox-7.0.8-156879-Win.exe>

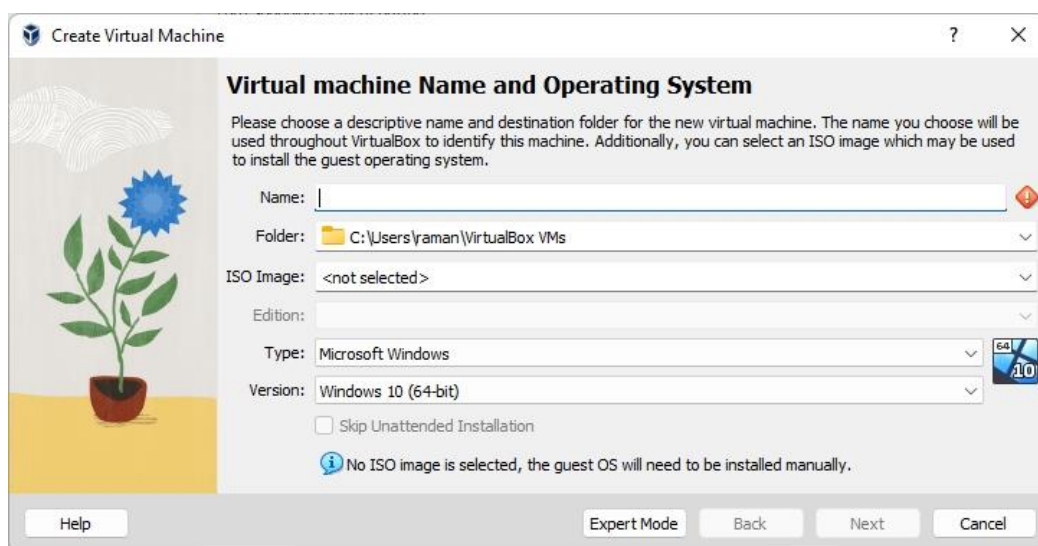
Install Virtual Box and Start it.

After successful installation and starting it following window will appear



Click on New Button

Following window will appear

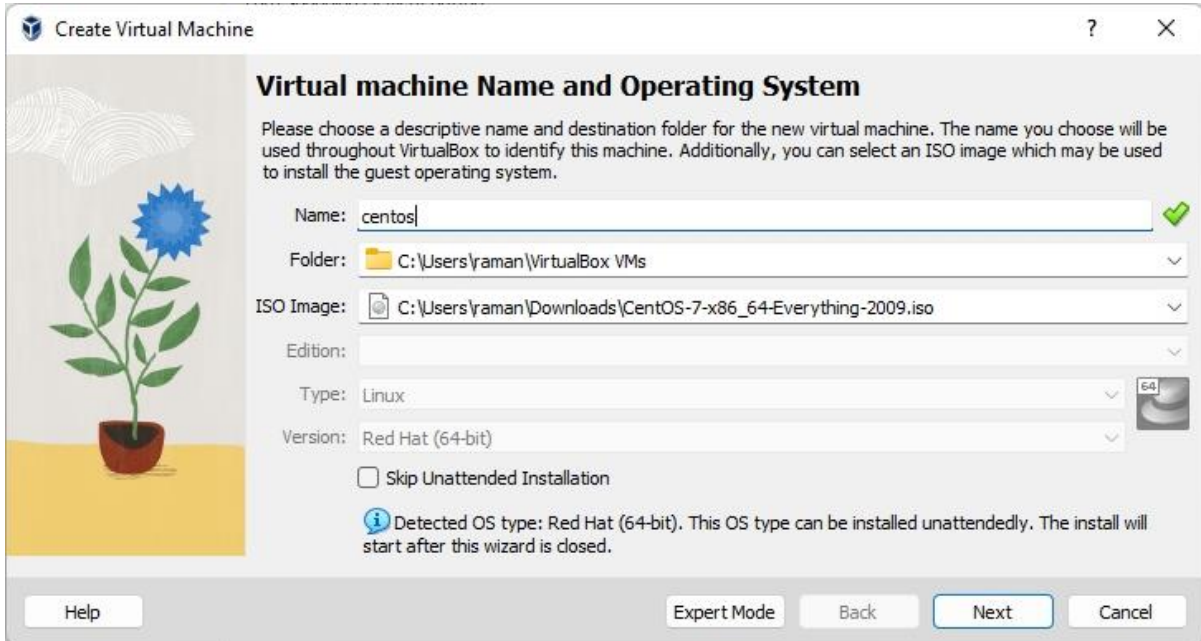


Now Give a name to Virtual machine like centos

Select the folder as C:\Users\raman\VirtualBox VMs

Select iso image like

C:\Users\raman\Downloads\CentOS-7-x86\_64-Everything-2009.iso

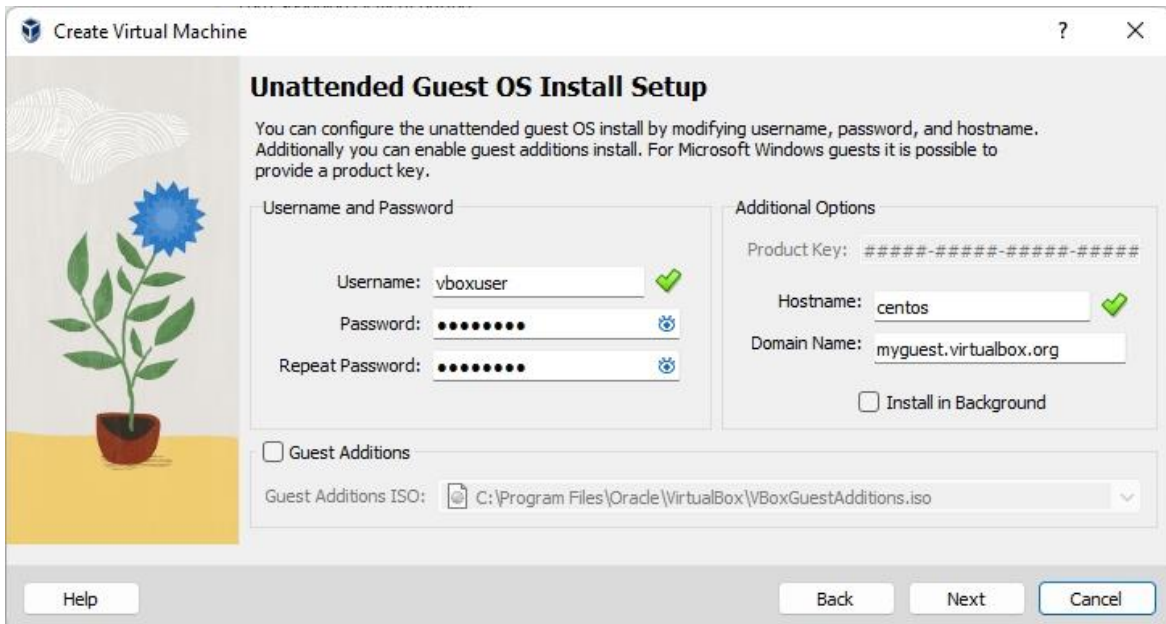


The screenshot shows the 'Create Virtual Machine' wizard in Oracle VM VirtualBox. The title bar says 'Create Virtual Machine'. The main heading is 'Virtual machine Name and Operating System'. Below the heading, there is a descriptive text: 'Please choose a descriptive name and destination folder for the new virtual machine. The name you choose will be used throughout VirtualBox to identify this machine. Additionally, you can select an ISO image which may be used to install the guest operating system.' The form contains the following fields and options:

- Name:** centos (with a green checkmark icon)
- Folder:** C:\Users\raman\VirtualBox VMs (with a folder icon)
- ISO Image:** C:\Users\raman\Downloads\CentOS-7-x86\_64-Everything-2009.iso (with a file icon)
- Edition:** (empty dropdown)
- Type:** Linux (with a dropdown arrow)
- Version:** Red Hat (64-bit) (with a dropdown arrow and a 64-bit icon)
- ☐ Skip Unattended Installation
- Info:** Detected OS type: Red Hat (64-bit). This OS type can be installed unattendedly. The install will start after this wizard is closed.

At the bottom, there are buttons: Help, Expert Mode, Back, Next (highlighted with a blue border), and Cancel.

Click Next and following window will appear



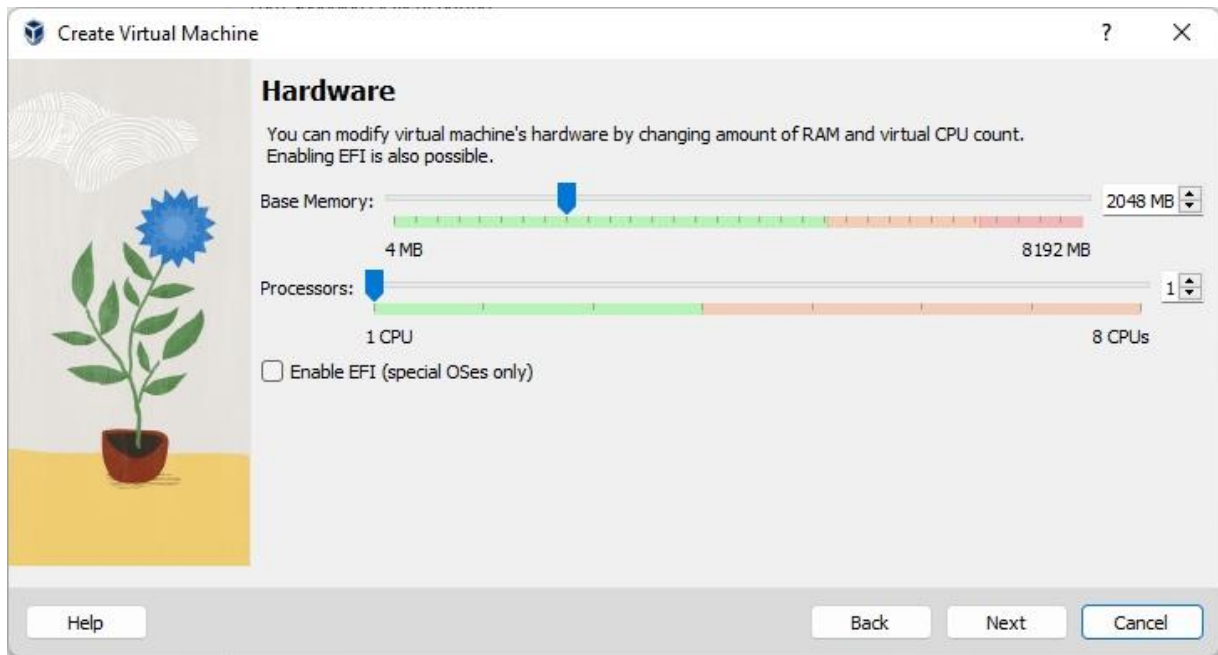
The screenshot shows the 'Create Virtual Machine' wizard in Oracle VM VirtualBox, specifically the 'Unattended Guest OS Install Setup' step. The title bar says 'Create Virtual Machine'. The main heading is 'Unattended Guest OS Install Setup'. Below the heading, there is a descriptive text: 'You can configure the unattended guest OS install by modifying username, password, and hostname. Additionally you can enable guest additions install. For Microsoft Windows guests it is possible to provide a product key.' The form contains the following fields and options:

- Username and Password:**
  - Username:** vboxuser (with a green checkmark icon)
  - Password:** (masked with dots, with a blue eye icon to toggle visibility)
  - Repeat Password:** (masked with dots, with a blue eye icon to toggle visibility)
- Additional Options:**
  - Product Key:** #####-#####-#####-#####
  - Hostname:** centos (with a green checkmark icon)
  - Domain Name:** myguest.virtualbox.org
  - ☐ Install in Background
- ☐ Guest Additions
- Guest Additions ISO:** C:\Program Files\Oracle\VirtualBox\VBGuestAdditions.iso (with a file icon)

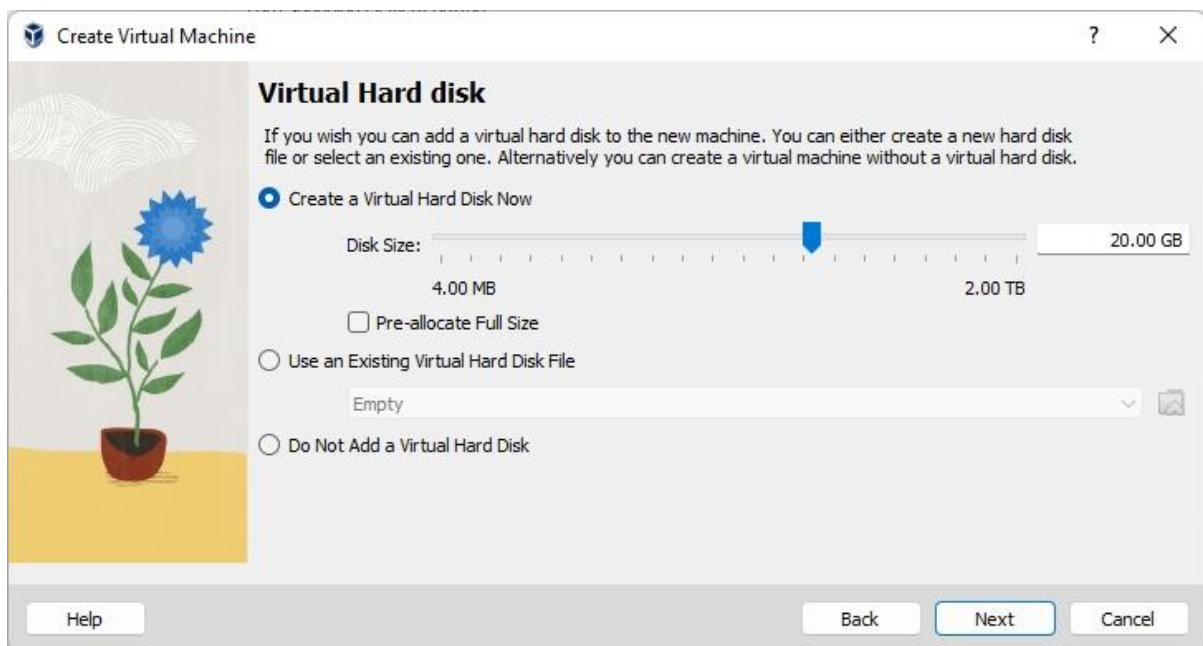
At the bottom, there are buttons: Help, Back, Next (highlighted with a blue border), and Cancel.

Click Next

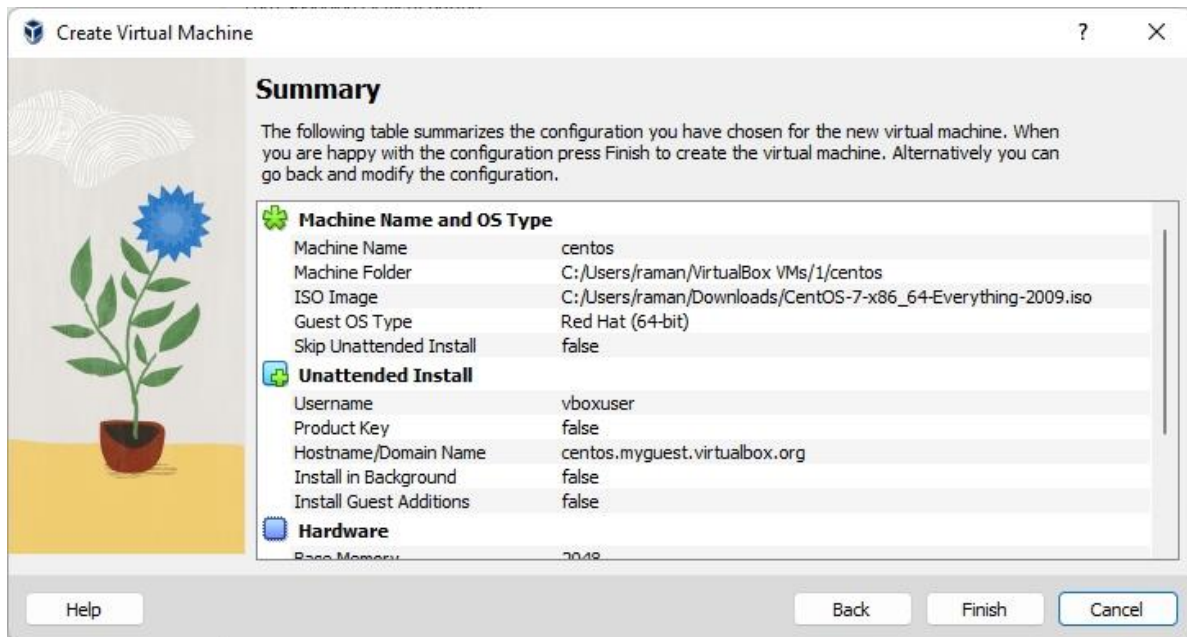
Select Base processors virtual machine will be using and ram size



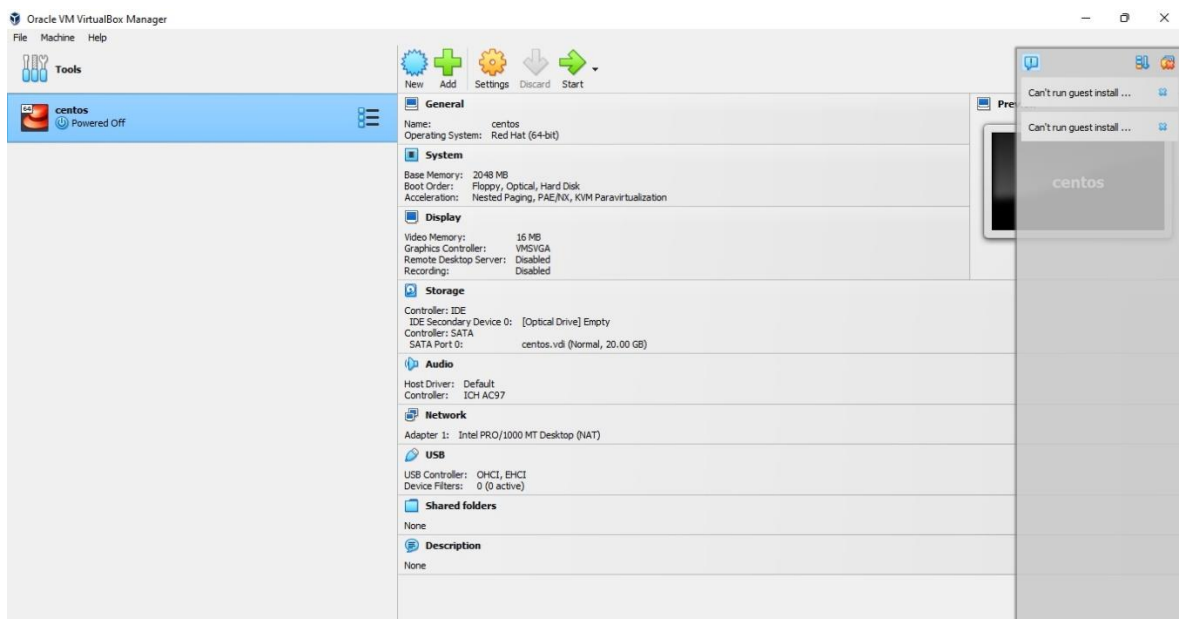
Click Next and select the hard disk space virtual machine will be using



Click Next and following window will appear

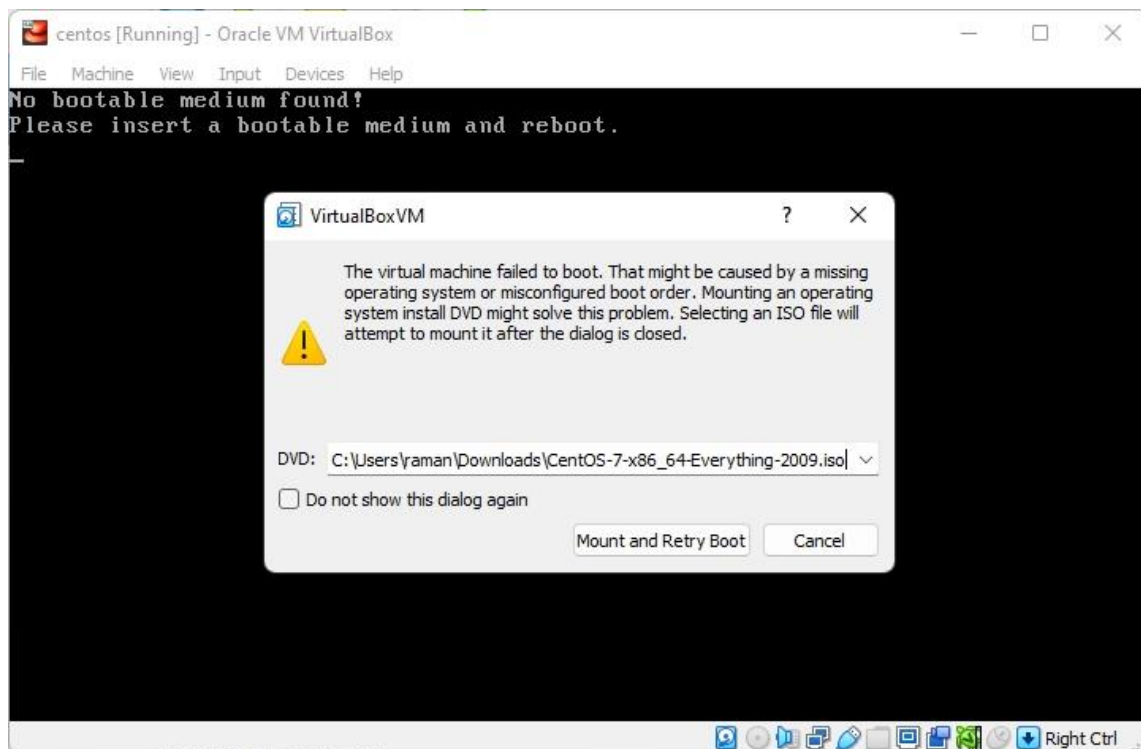


Click Finish and following window will appear

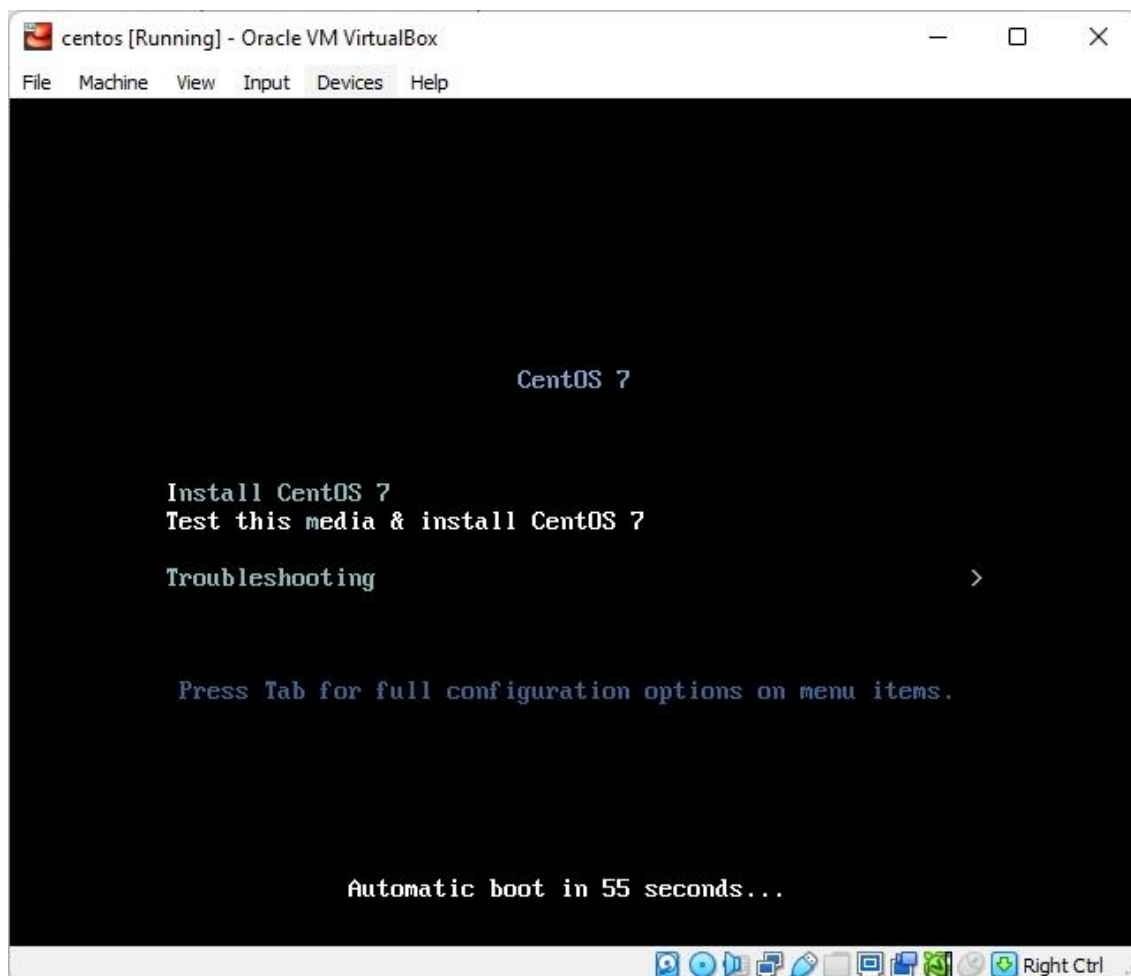


Now Click on Start to start the Virtual Machine

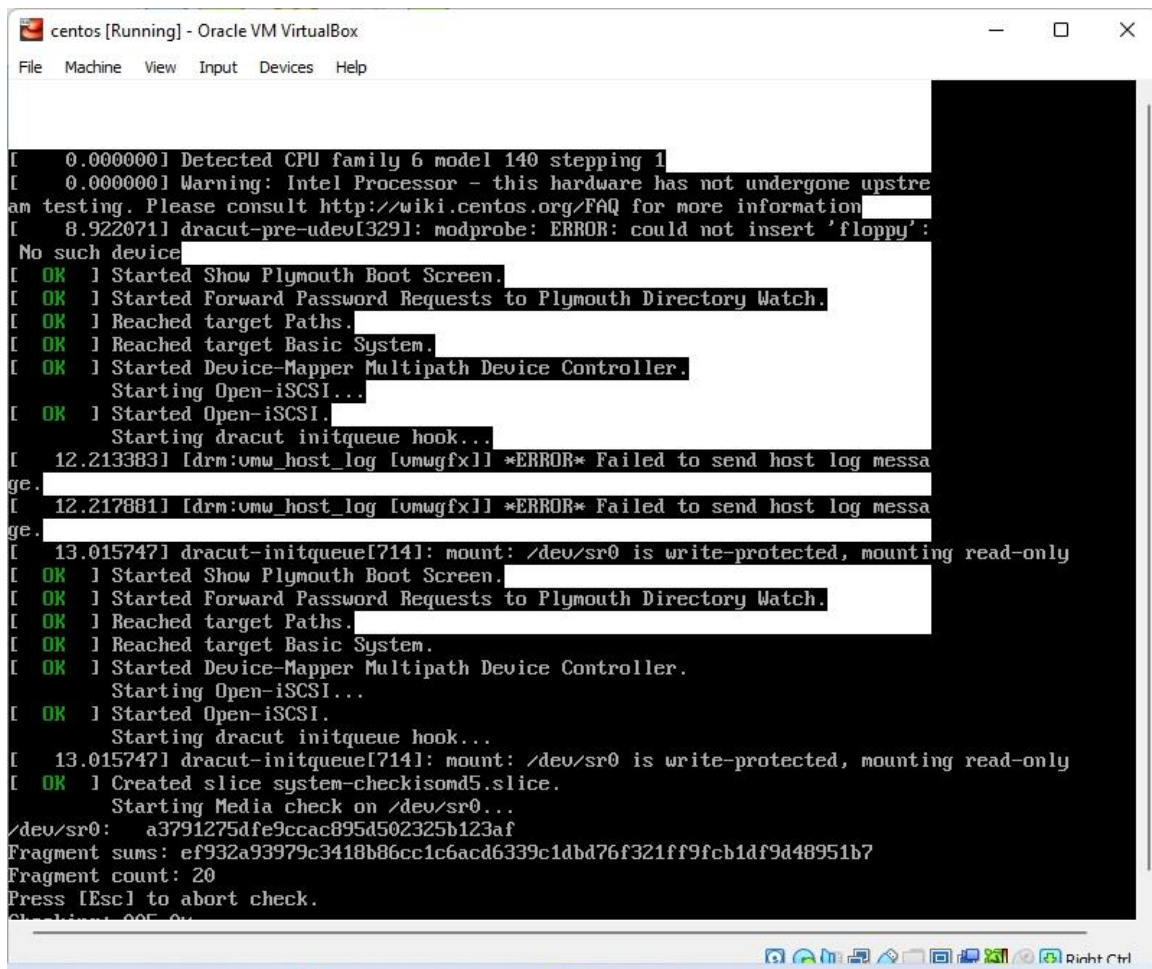
Following window will appear



Click on Mount and Retry Boot and following window will appear



Click on Install CentOS 7 and installation will start and you will see the following window



```
[ 0.000000] Detected CPU family 6 model 140 stepping 1
[ 0.000000] Warning: Intel Processor - this hardware has not undergone upstream testing. Please consult http://wiki.centos.org/FAQ for more information
[ 8.922071] dracut-pre-udev[329]: modprobe: ERROR: could not insert 'floppy': No such device
[ OK ] Started Show Plymouth Boot Screen.
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Paths.
[ OK ] Reached target Basic System.
[ OK ] Started Device-Mapper Multipath Device Controller.
Starting Open-iSCSI...
[ OK ] Started Open-iSCSI.
Starting dracut initqueue hook...
[ 12.213383] [drm:vmw_host_log [vmwgfx]] *ERROR* Failed to send host log message.
[ 12.217881] [drm:vmw_host_log [vmwgfx]] *ERROR* Failed to send host log message.
[ 13.015747] dracut-initqueue[714]: mount: /dev/sr0 is write-protected, mounting read-only
[ OK ] Started Show Plymouth Boot Screen.
[ OK ] Started Forward Password Requests to Plymouth Directory Watch.
[ OK ] Reached target Paths.
[ OK ] Reached target Basic System.
[ OK ] Started Device-Mapper Multipath Device Controller.
Starting Open-iSCSI...
[ OK ] Started Open-iSCSI.
Starting dracut initqueue hook...
[ 13.015747] dracut-initqueue[714]: mount: /dev/sr0 is write-protected, mounting read-only
[ OK ] Created slice system-checkisomd5.slice.
Starting Media check on /dev/sr0...
/dev/sr0: a3791275dfe9ccac895d4502325b123af
Fragment sums: ef932a93979c3418b86cc1c6acd6339c1dbd76f321ff9fcb1df9d48951b7
Fragment count: 20
Press [Esc] to abort check.
Checksum: 005-0x
```

After successful installation you can start centos inside virtual box.