Ex. No. 1

INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

AIM:

To configure a Virtual Machine using Virtual Box and Launch to execute a simple program

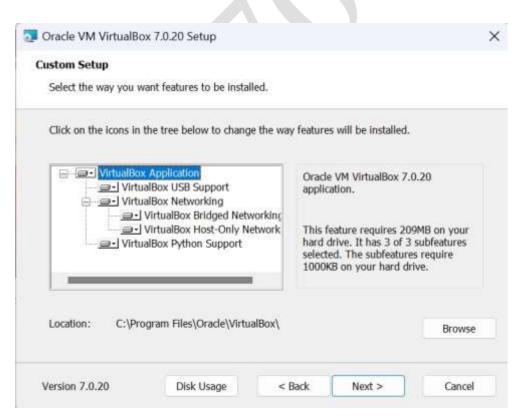
PROCEDURE:

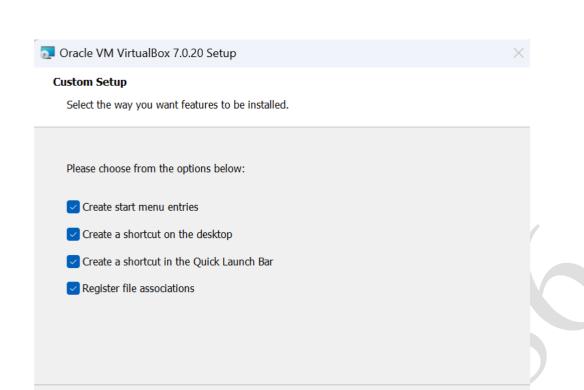
- 1. Launch a Virtual Box
- 2. Create new virtual machine
- 3. Customize the set-up
- 4. Set username and password
- 5. Browse for .iso file of an operating system
- 6. Configure the hardware capacity
- 7. Finish and power on the VM
- 8. Install C or PYTHON OR JAVA Compiler and execute a simple program

OUTPUT:

Download and run the VirtualBox installer



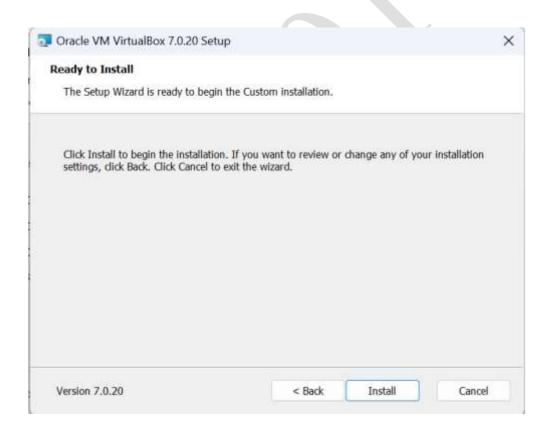




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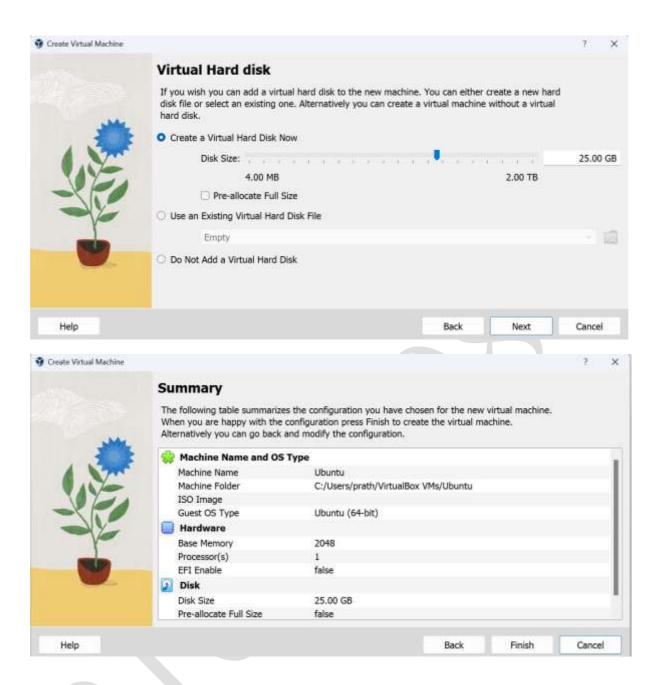


Open Oracle VM VirtualBox

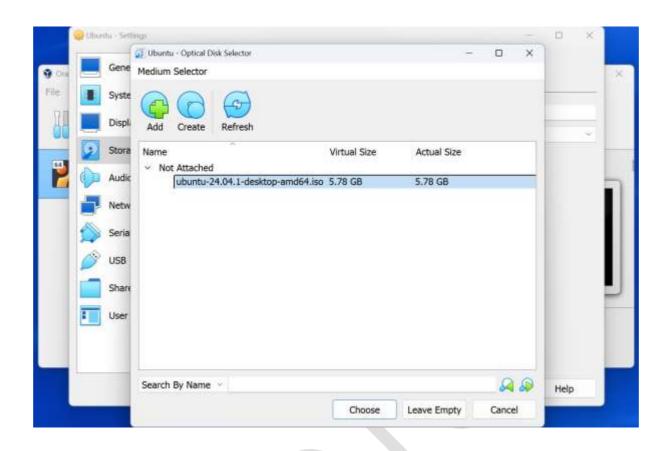


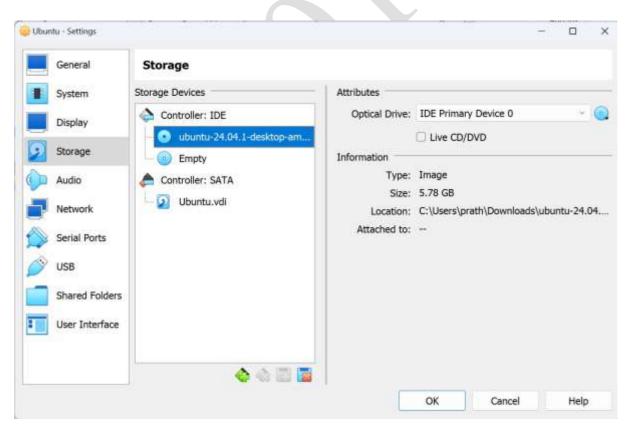
Click on 'New' and create a new virtual machine



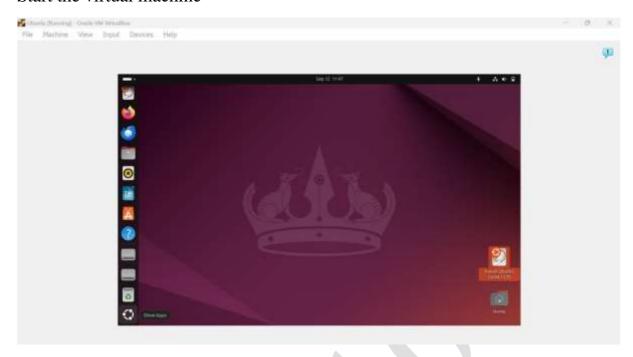


Launch the iso file of Ubuntu operating system into the virtual machine.



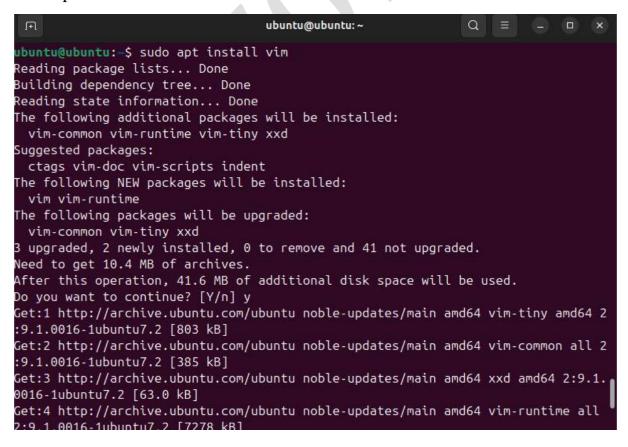


Start the virtual machine



Open terminal and install vim using the command:

sudo apt install vim



Create a Python program and execute it

```
ubuntu@ubuntu:-$ vim sumdigits.py
ubuntu@ubuntu:-$ python3 sumdigits.py
5432
The sum of digits is: 14
ubuntu@ubuntu:-$
```



RESULT:

A virtual machine is created using Virtual Box and a simple program is executed on the virtual machine.