# VIRTUALIZATION

## INSTALLATION OF VIRTUAL MACHINE IN VIRTUAL BOX

**AIM:**

      To configure a Virtual Machine using Virtual Box and Launch to execute a simple program using PYTHON.
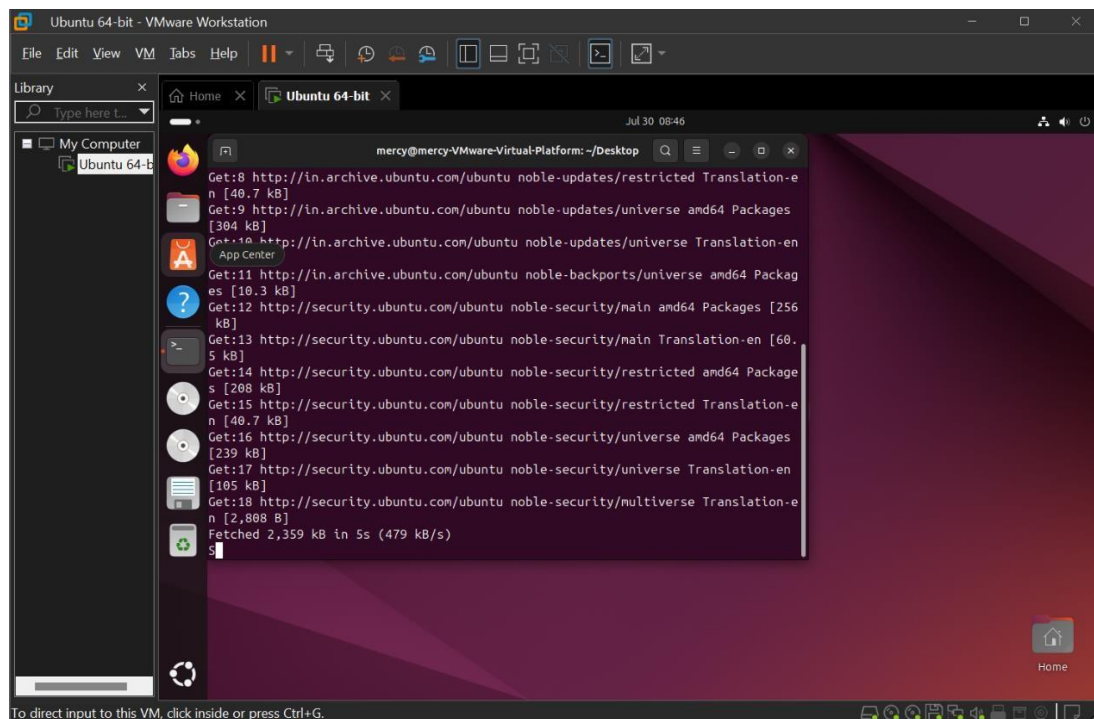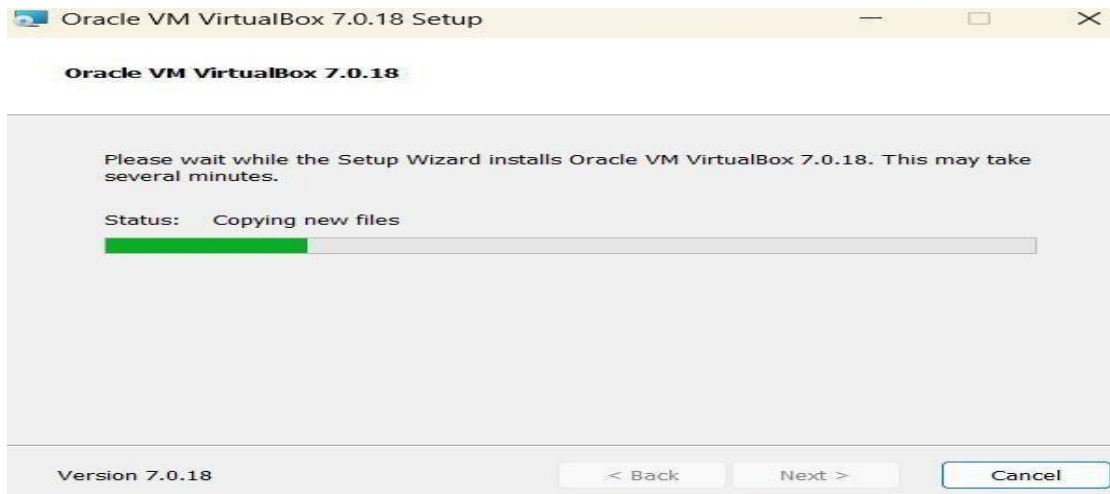
**PROCEDURE:**

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
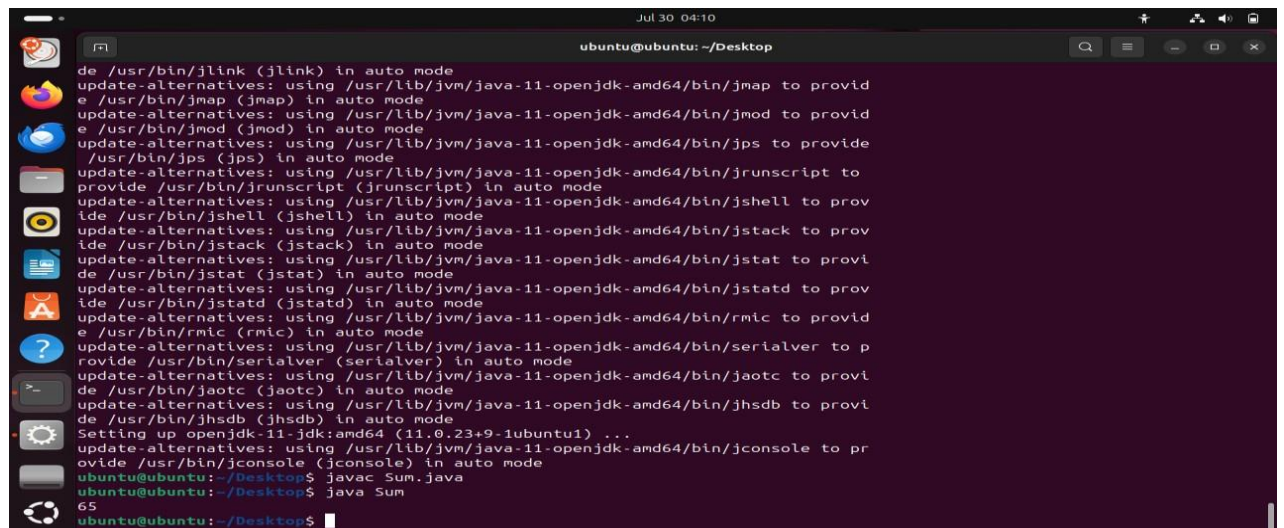8. Install C or PYTHON OR JAVA Compiler and execute a simple program

**INSTALLATION**:

## Oracle VM VirtualBox 7.0.18

×

# Warning:
# Network Interfaces

Installing the Oracle VM VirtualBox 7.0.18 Networking feature will reset your network connection and temporarily disconnect you from the network.

Proceed with installation now?

Version 7.0.18         Yes      No

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## Oracle VM VirtualBox 7.0.18

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# Missing Dependencies
# Python Core / win32api

Installing the Oracle VM VirtualBox 7.0.18 Python bindings requires the Python Core package and the win32api bindings to be installed first.

When continuing the installation of the Oracle VM VirtualBox 7.0.18 Python bindings now, those need to be set up manually later. Refer to the Oracle VM VirtualBox 7.0.18 SDK manual for more information.

Proceed with installation now?

Version 7.0.18         Yes      No

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## Oracle VM VirtualBox 7.0.18 Setup

×

**Ready to Install**

The Setup Wizard is ready to begin the Custom installation.

Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

Version 7.0.18      < Back    Install    Cancel

**Oracle VM VirtualBox 7.0.18 Setup**

**Oracle VM VirtualBox 7.0.18**

Please wait while the Setup Wizard installs Oracle VM VirtualBox 7.0.18. This may take several minutes.

Status:    Copying new files

Version 7.0.18          < Back     Next >          Cancel

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**Oracle VM VirtualBox 7.0.18 Setup**

# Oracle VM VirtualBox 7.0.18 installation is complete.

Click the Finish button to exit the Setup Wizard.

☑ Start Oracle VM VirtualBox 7.0.18 after installation

Version 7.0.18          < Back     **Finish**          Cancel

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**Ubuntu 64-bit - VMware Workstation**

File  Edit  View  VM  Tabs  Help

Library
Type here t...
■ ☐ My Computer
   ☐ Ubuntu 64-b

⌂ Home ×    ☐ Ubuntu 64-bit ×

Jul 30 08:46

mercy@mercy-VMware-Virtual-Platform: ~/Desktop

```
Get:8 http://in.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-e
n [40.7 kB]
Get:9 http://in.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages
[304 kB]
Get:10 http://in.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en
Get:11 http://in.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packag
es [10.3 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [256
 kB]
Get:13 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [60.
5 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Package
s [208 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-e
n [40.7 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages
[239 kB]
Get:17 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en
[105 kB]
Get:18 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-e
n [2,808 B]
Fetched 2,359 kB in 5s (479 kB/s)
$
```

App Center

Home

To direct input to this VM, click inside or press Ctrl+G.

**PROGRAM:**



**OUTPUT:**



**RESULT:**

The virtual machine of Ubuntu OS was created using a virtual box. Ubuntu virtual machine running in Virtual Box.