

VIRTUALIZATION

CONFIGURATION AND CREATION OF VIRTUAL MACHINE

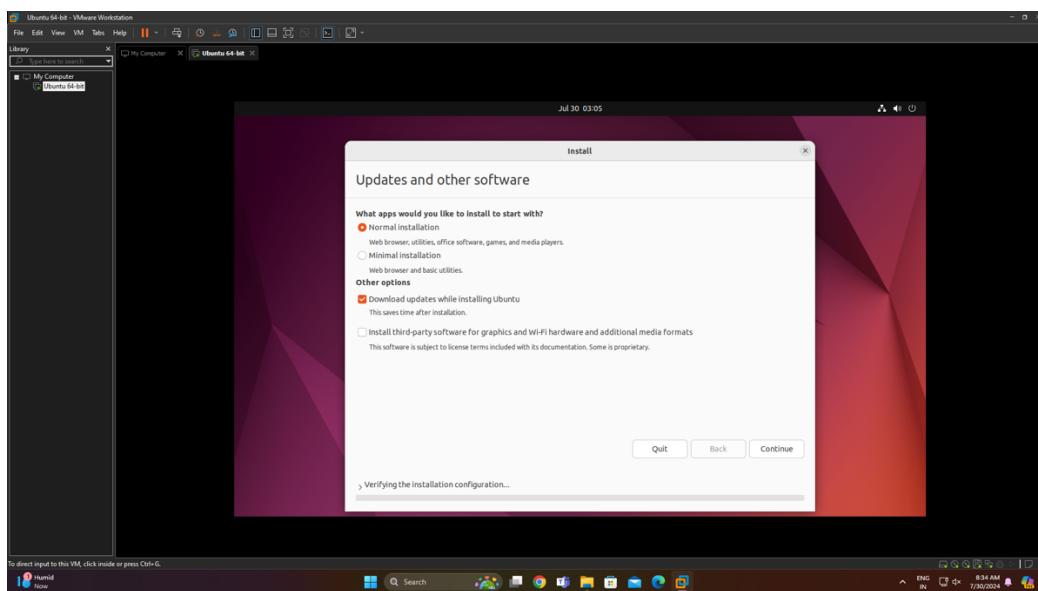
AIM:

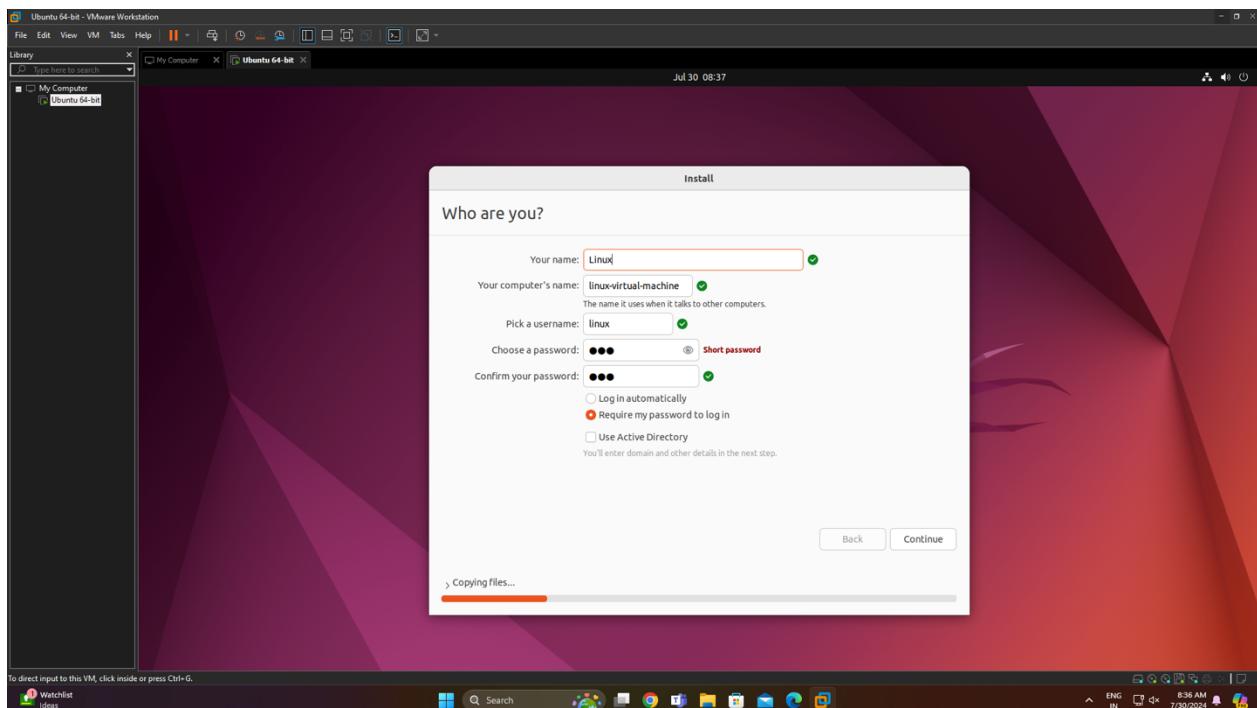
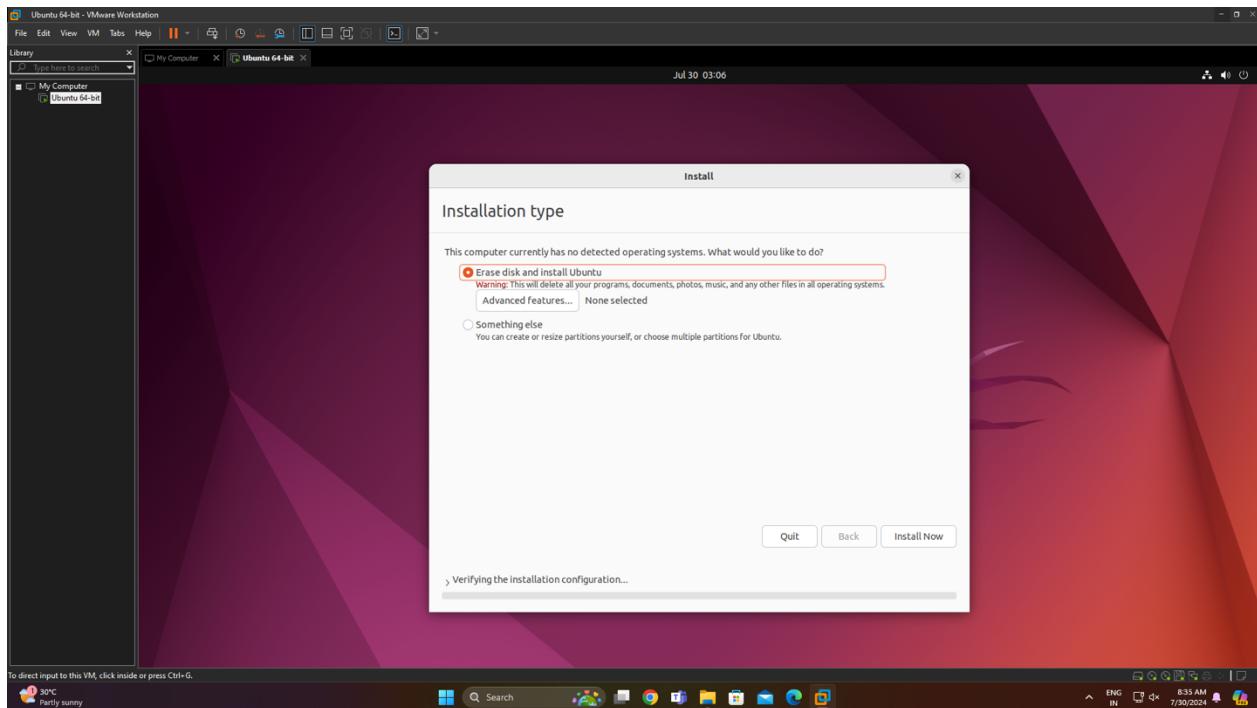
To configure a Virtual Machine using VMware and Launch the VM and execute a simple program using C/PYTHON/JAVA.

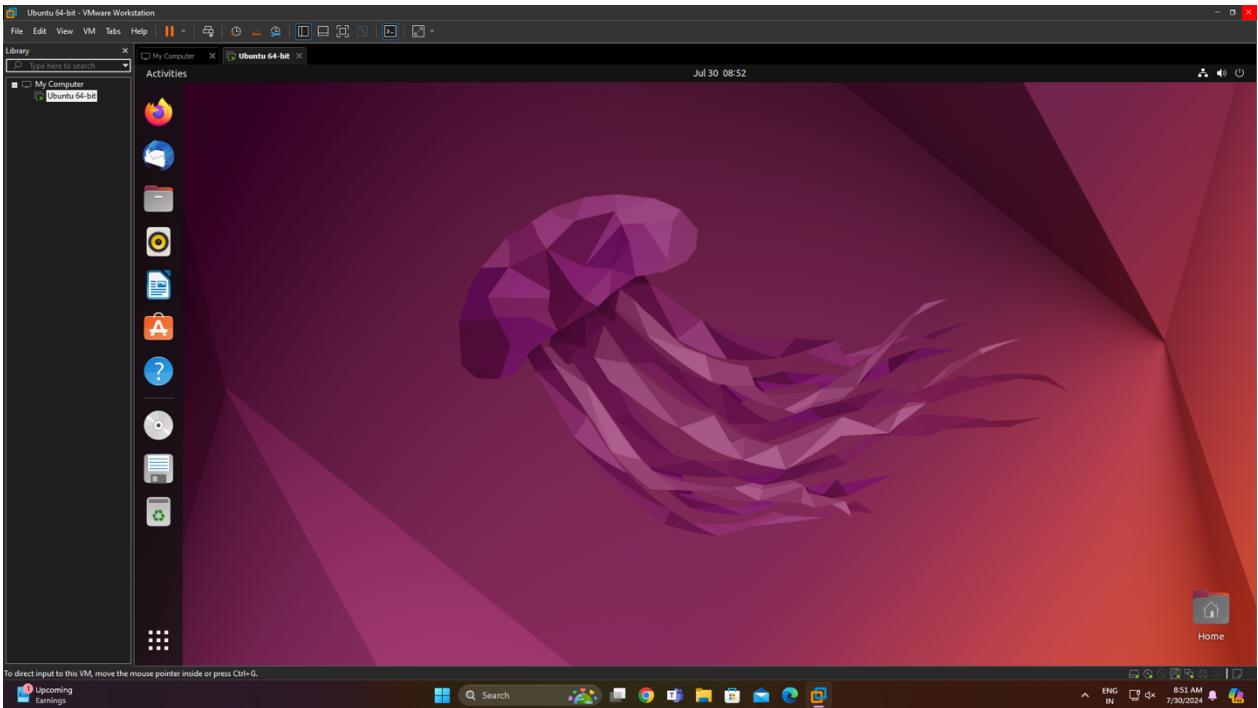
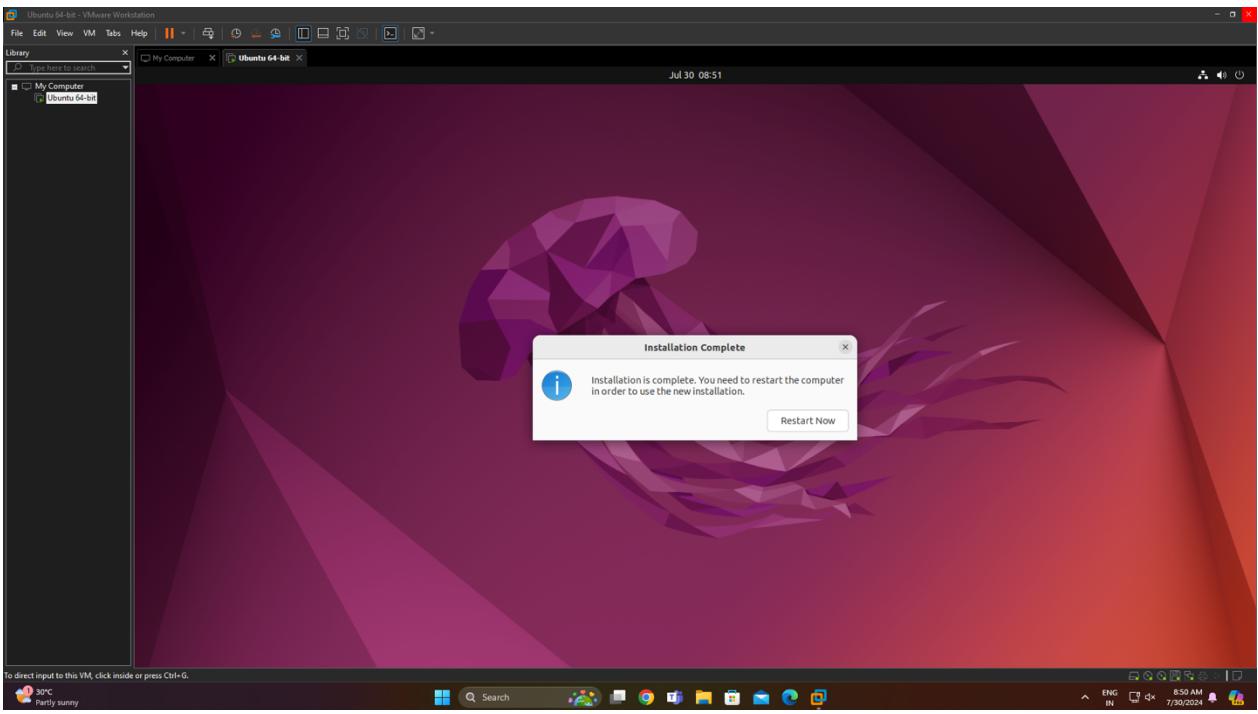
PROCEDURE:

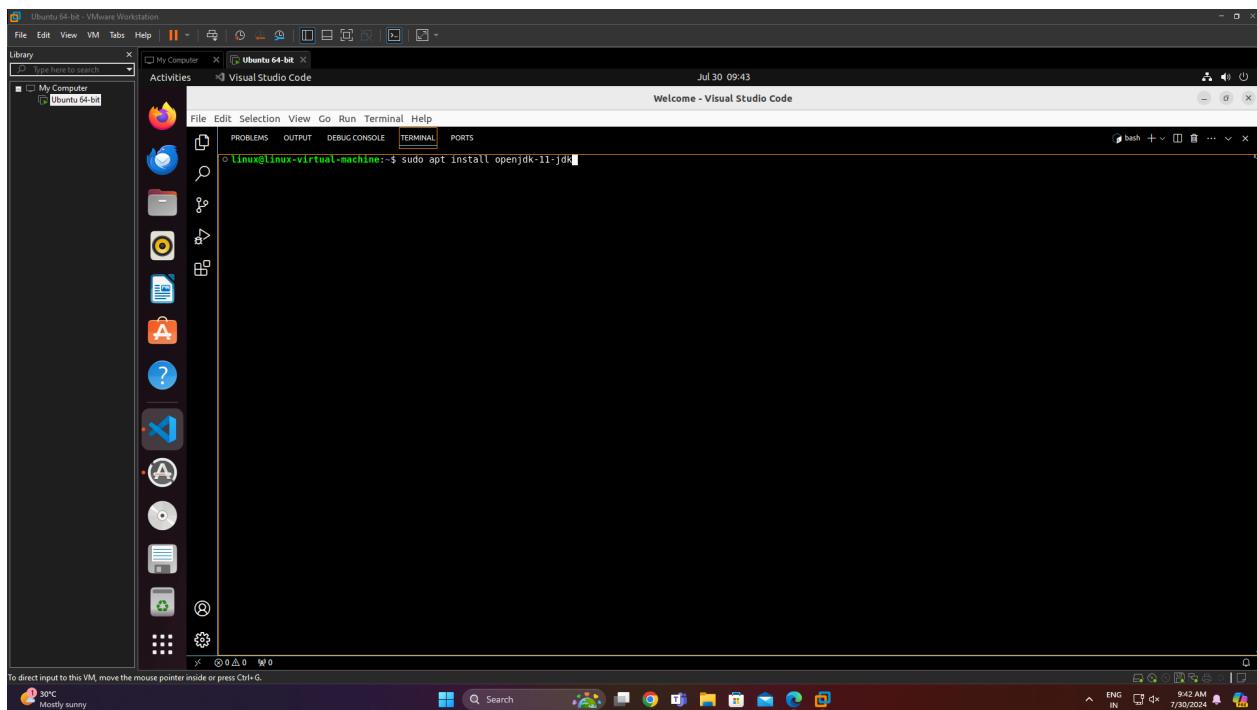
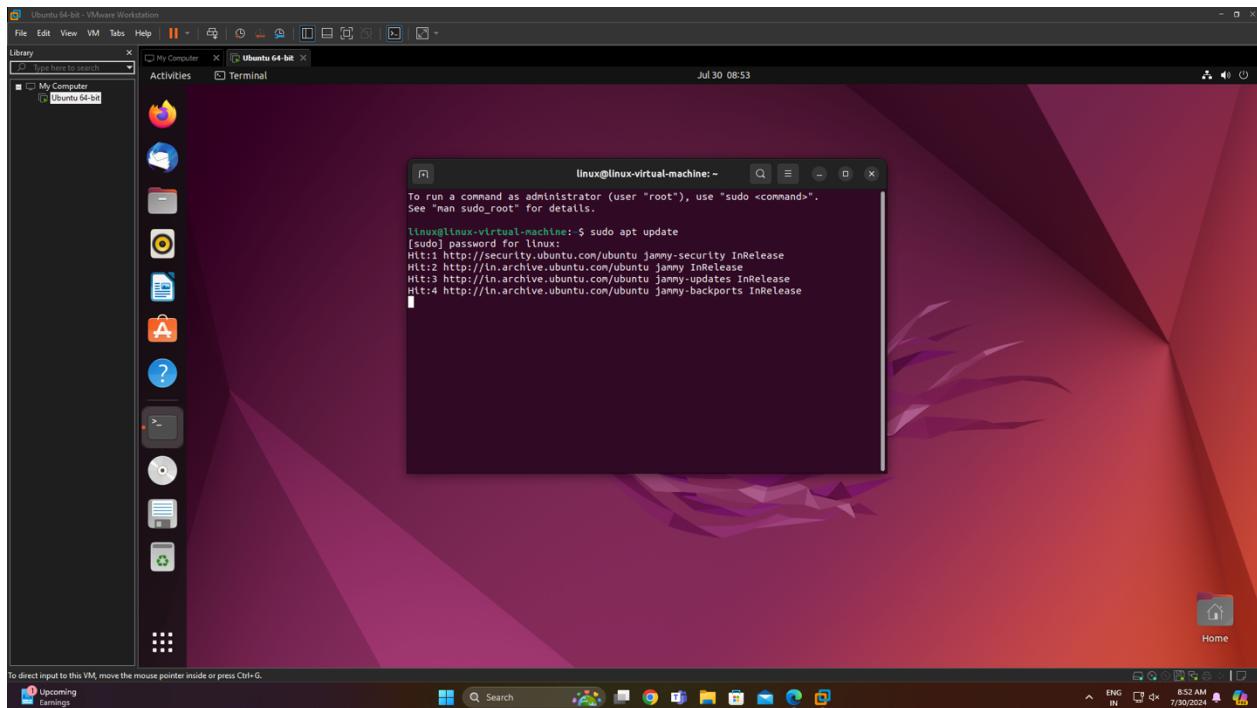
1. Launch a VM ware
2. Create new virtual machine
3. Customize the set-up
4. Set username and password
5. Browse for .iso file of an operating system
6. Configure the hardware capacity
7. Finish and power on the VM
8. Install C or PYTHON OR JAVA Compiler and execute a simple program

OUTPUT:









To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help | Activities My Computer Ubuntu 64-bit Visual Studio Code Jul 30 09:44 Welcome - Visual Studio Code

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Adding debian:Bitcoin Root Certification Authority_-_ECC1.pem
Adding debian:SwissSign Silver CA_-62.pem
Adding debian:HARICA TLS ECC Root CA_2021.pem
Adding debian:Amazon Root CA_3.pem
Adding debian:SSL.com EV Root Certification Authority_ECC.pem
Adding debian:GlobalSign Trust Network Research Institutions_ECC_RootCA_2015.pem
Adding debian:Hongkong Post Root _A_3.pem
Adding debian:cyrus Root CA.pem
Adding debian:COMODO ECC Certification Authority.pem
Adding debian:Security Communication Root CA.pem
Adding debian:Entrust Root Certification Authority_-62.pem
Adding debian:SecureTrust CA.pem
Adding debian:SSL.com Root Certification Authority RSA.pem
Adding debian:Trustwave Global ECC_P384 Certification Authority.pem
Adding debian:Entrust Root Certification Authority_-62.pem
Adding debian:GlobalSign Root CA_-C.pem
Adding debian:GDCA TrustAUTH_R5_ROOT.pem
Adding debian:NAYER Global Root Certification Authority.pem
Adding debian:Atos TrustedRoot 2011.pem
done.
Processing triggers for mailcap (3.70+emulubuntu1) ...
Processing triggers for fontconfig (2.13.1-4.2ubuntu5) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
Processing triggers for gconf-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.13.3-1ubuntu0.8-lubuntu3) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for ca-certificates (20230311ubuntu0.22.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
done.
Processing triggers for sgml-base (1.30) ...
Setting up xlibproto-dev (2021.5-1) ...
Setting up libxau-dev:amd64 (1:1.0.9-1build5) ...
Setting up libice-dev:amd64 (2:1.0.10-1build2) ...
Setting up libsm-dev:amd64 (2:1.2.3-1build2) ...
Setting up libxext-dev:amd64 (1:1.3.0-1ubuntu5) ...
Setting up libxcb-dev:amd64 (1.14-3ubuntu2) ...
Setting up libxi-dev:amd64 (2:1.7.5-1ubuntu0.3) ...
Setting up libxt-dev:amd64 (1:1.2.1-1) ...

```

linux@linux-virtual-machine:~\$

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

30°C Mostly sunny

8:43 AM ENG IN 7/30/2024

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help | Activities My Computer Ubuntu 64-bit Visual Studio Code Jul 30 09:47 Hello.java - Code - Visual Studio Code

File Edit Selection View Go Run Terminal Help

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
J Hello.java
1 public class Hello{
2     public static void main(String[] args){
3         System.out.println("Welcome to VMWare");
4     }
5 }
```

linux@linux-virtual-machine:~/Documents/Code\$ javac Hello.java
linux@linux-virtual-machine:~/Documents/Code\$ java Hello
Welcome to VMWare
linux@linux-virtual-machine:~/Documents/Code\$

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

Breaking news Howrah-CSMT E...

8:45 AM ENG IN 7/30/2024

RESULT:

Thus, the configuration and installation of VM using VMWare Workstation and the execution of simple python program has been executed successfully.