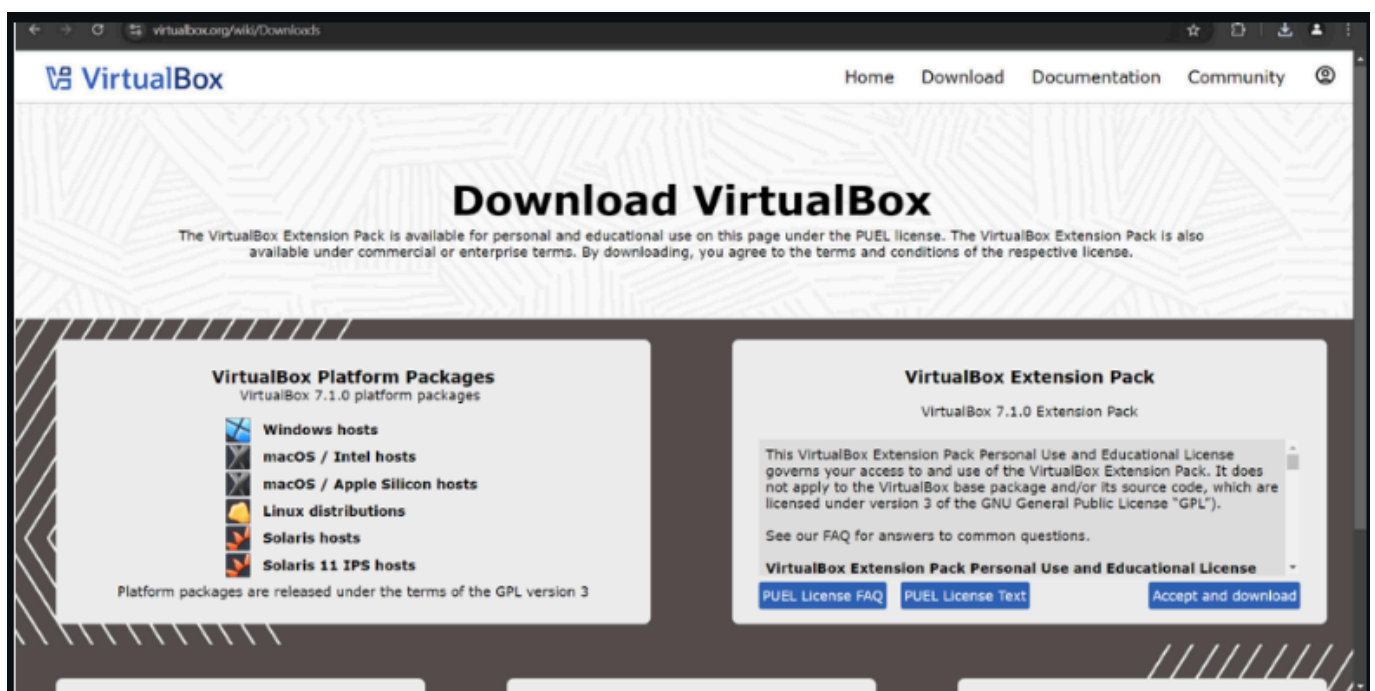# LAB 1 : INSTALLATION OF LINUX UBUNTU ON VIRTUAL BOX

WHAT IS LINUX ?

Linux is an open-source operating system kernel that serves as the foundation for various operating systems, commonly referred to as Linux distributions (or distros). Developed by Linus Torvalds in 1991, Linux is known for its stability, security, and versatility, making it popular for servers, desktops, embedded systems, and more.

STEP 1 : DOWNLOAD VIRTUALBOX FILE

```
1 Go to the VirtualBox Website

2 select your operating system
```
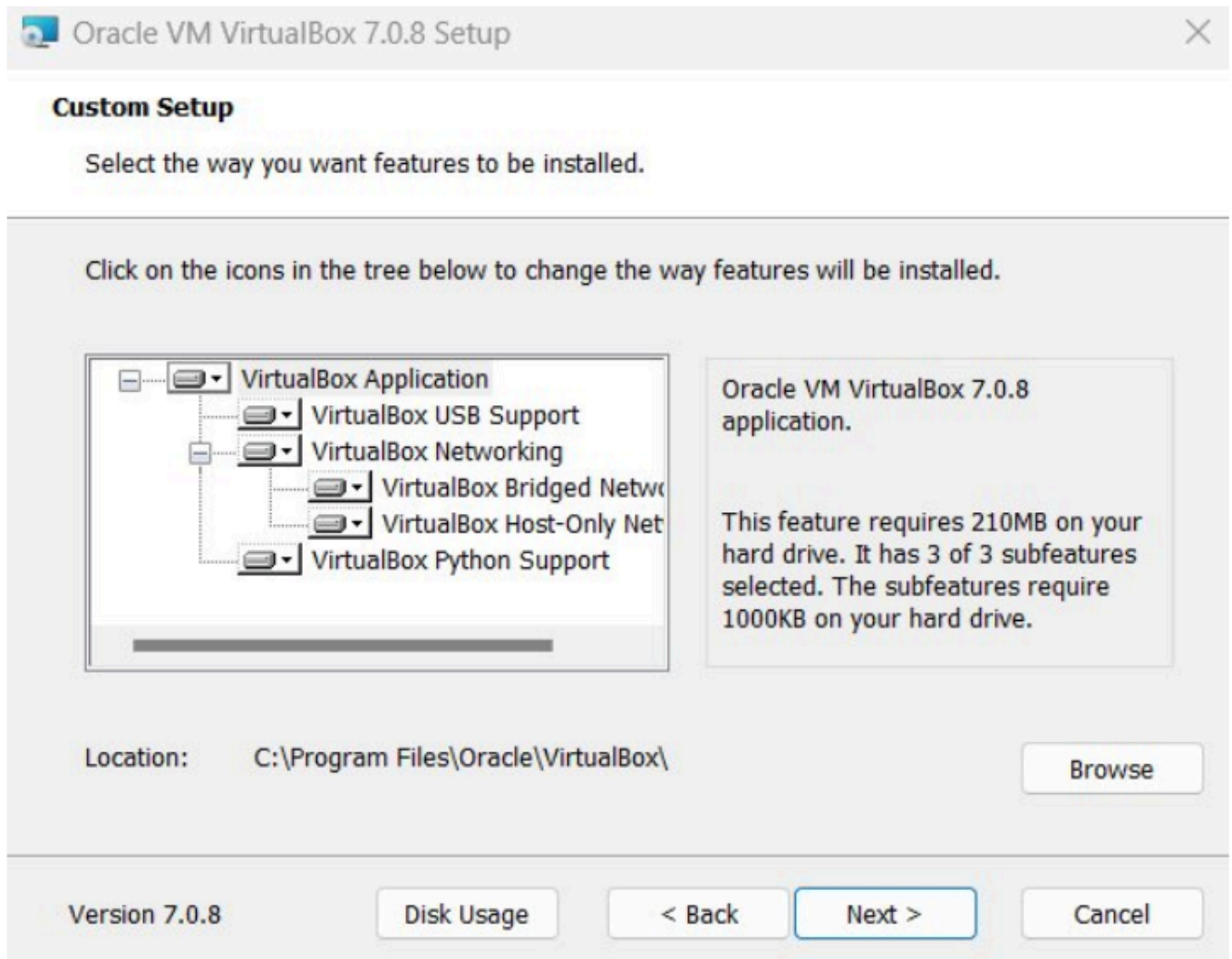

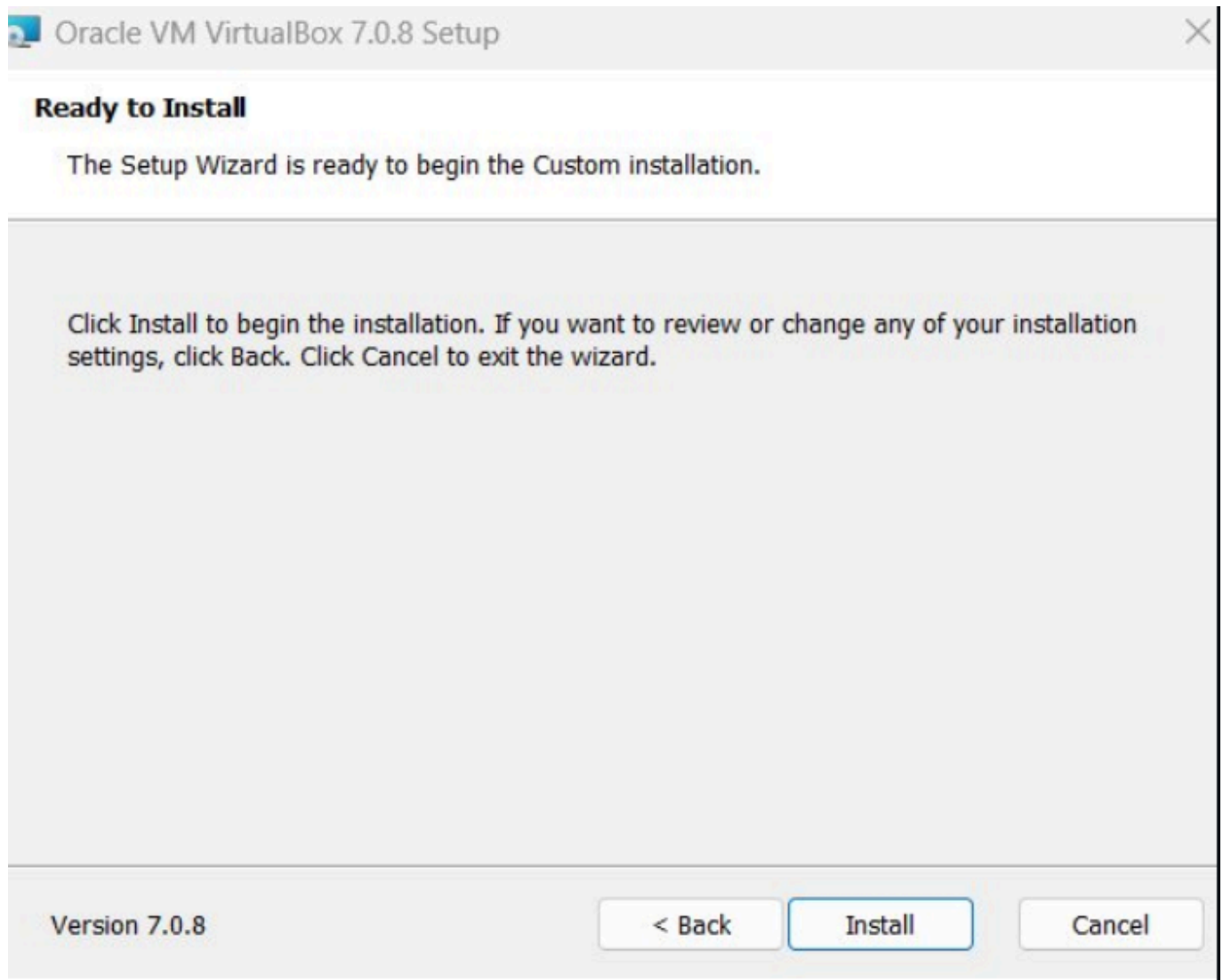## STEP 2 : INSTALLING VIRTUAL BOX

1 The Beginning

2 select installation location

3 Ready to install

4 Installation complete

5 Opening virtualbox

STEP 3 : INSTALLING LINUX USING VIRTUALBOX

1 Naming virtual machine

After installing virtual box ,click New .

- Write the Name you want for your system, for example: Ubuntu 24.04 LTS
- Select Type: Linux.
- Operating system: ubuntu(64 bit)
- Select Version: Ubuntu
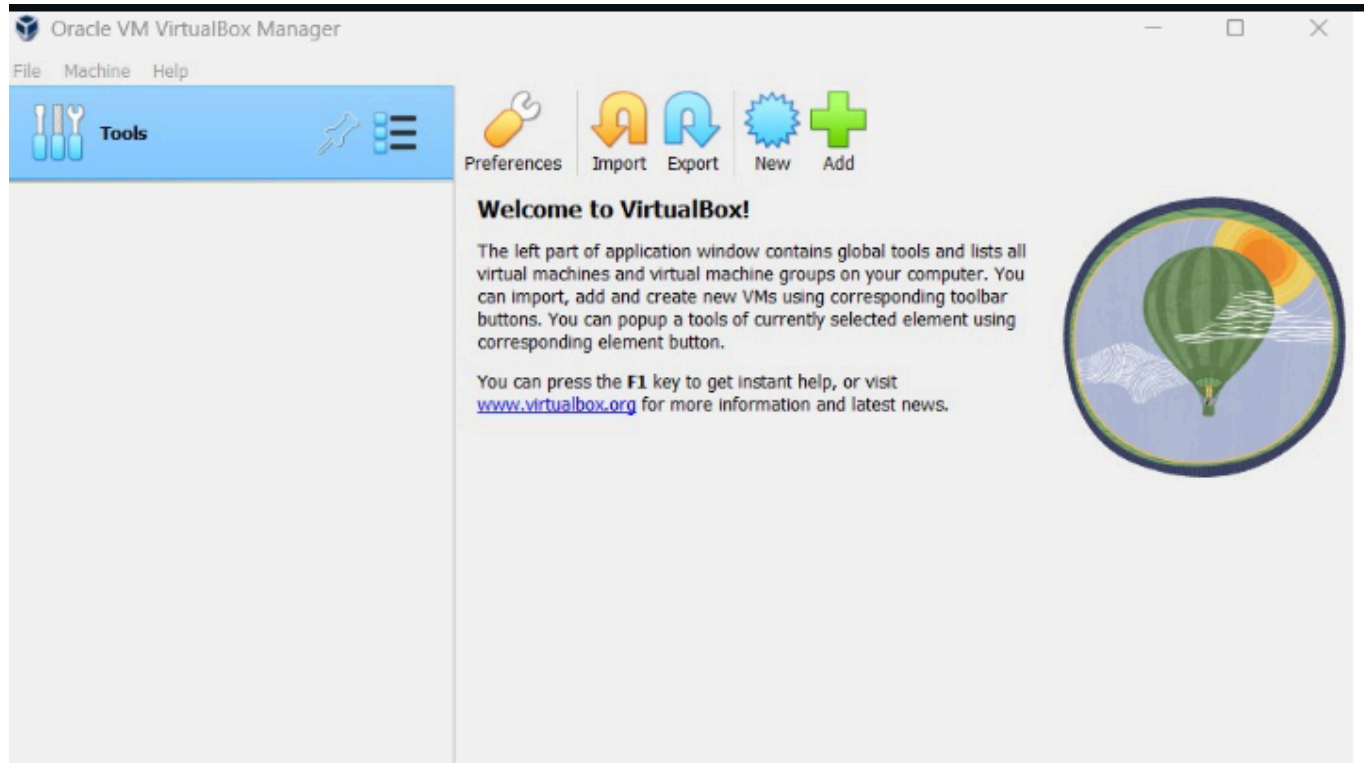
2 select the amount of ram

3 Hard Disk setting

Select hard disk setting:

– Choose 'Create a virtual hard drive Now', in order to make a virtual disk space.

– Select the amount of hard drive size.

-now you are done with hardware settings.

4 Launching your System

Choose the downloaded Linux ISO file:

– Click Start to launch your system

choose your iso file from your computer

5 Final installation

Install Linux and further set the Keyboard and other preferences

Make your Account:

- Enter your details

what are two advantages of installing ubuntu in virtual box?

- Robust snapshot and cloning capabilities

what are two advantages of dual booting instead of using a vm?

- better perfomance
- full hardware compability and access

CONGRATULATIONS YOU HAVE SUCCESSFULLY INSTALLED THEUBUNTU LINUX .