

Carry out an experiment to create Virtual Box and run python/C program on Windows or Linux Platform using this .

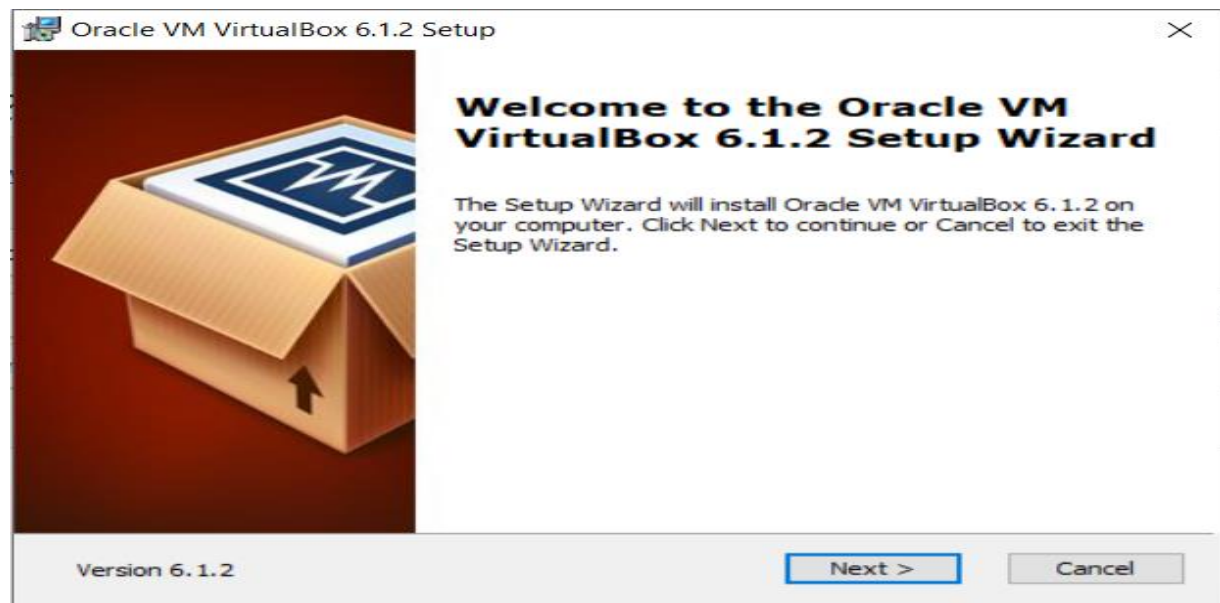
**Step1: Create VirtualBox :**

To download VirtualBox, go to the official site [virtualbox.org](https://www.virtualbox.org) and download the latest version for windows.

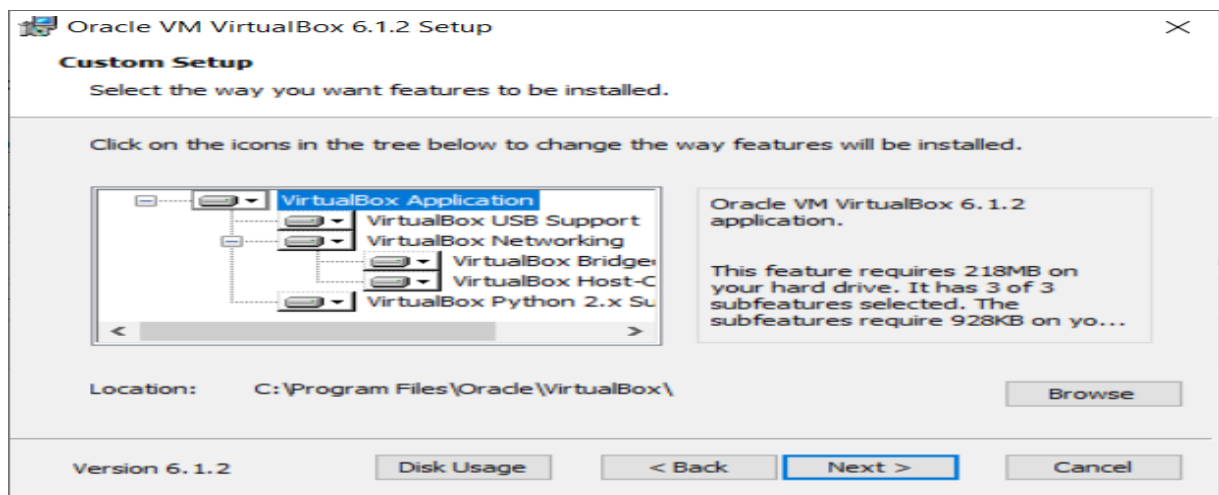


**Beginning with the Installation:**

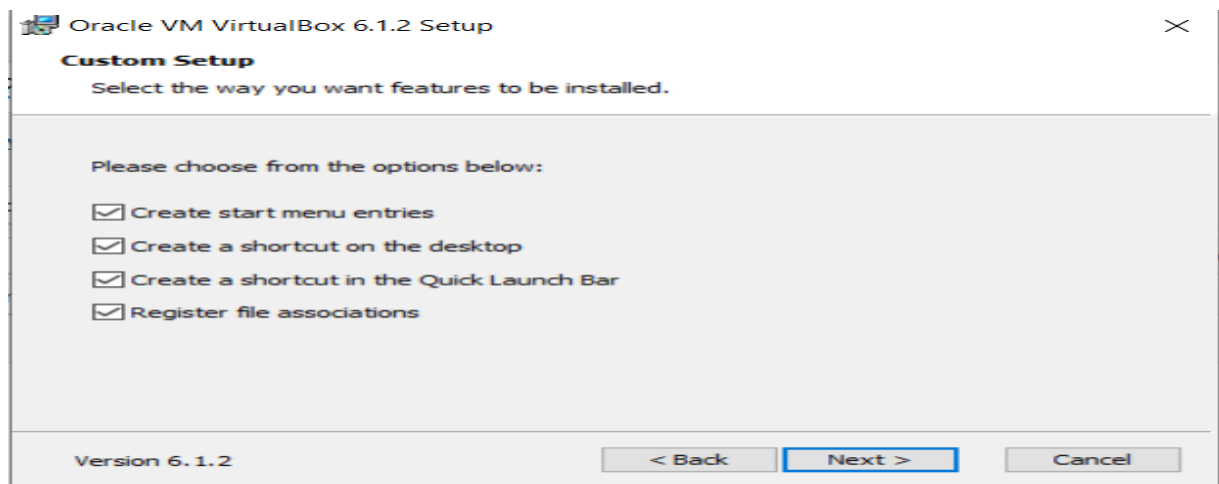
- **Getting Started:**

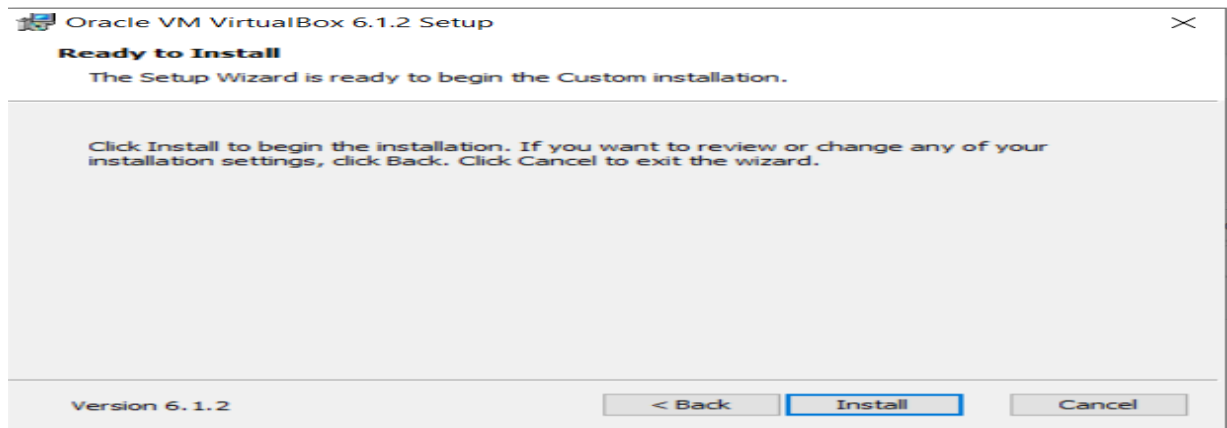


- Select Installation Location:

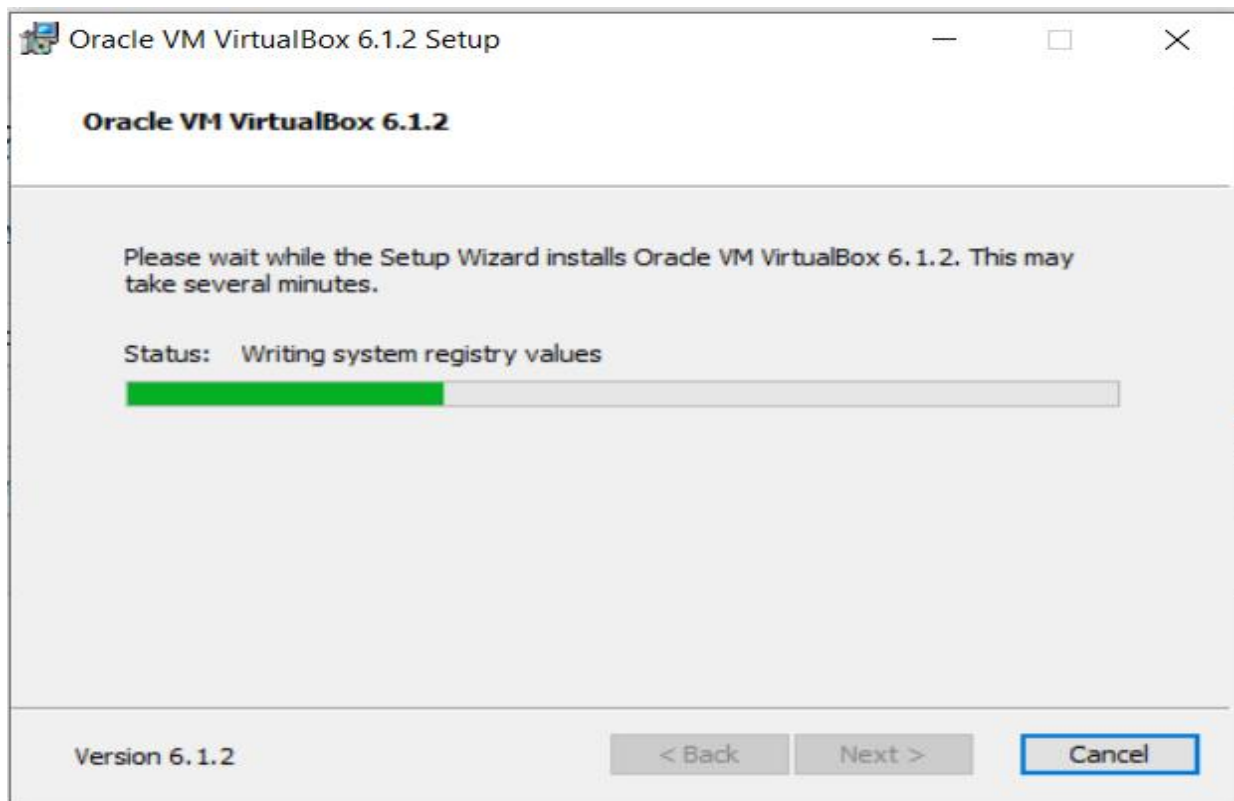


- Creating Entries and Shortcuts:

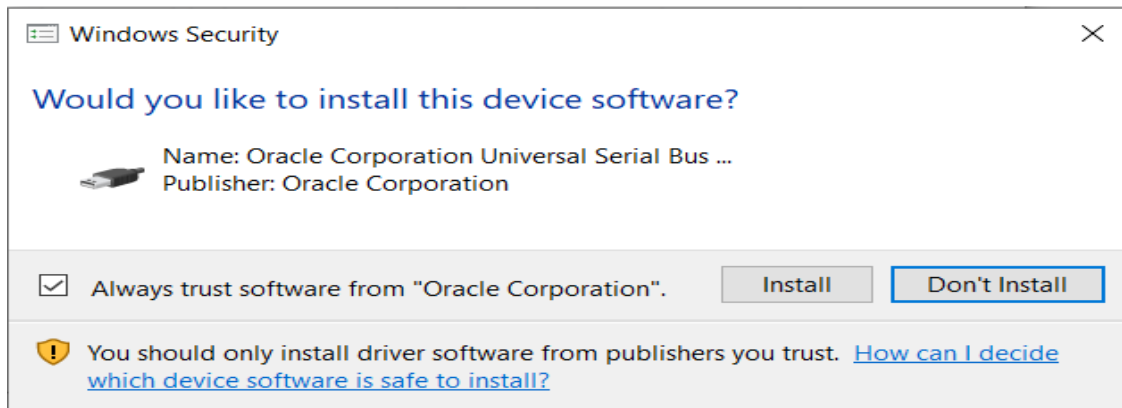




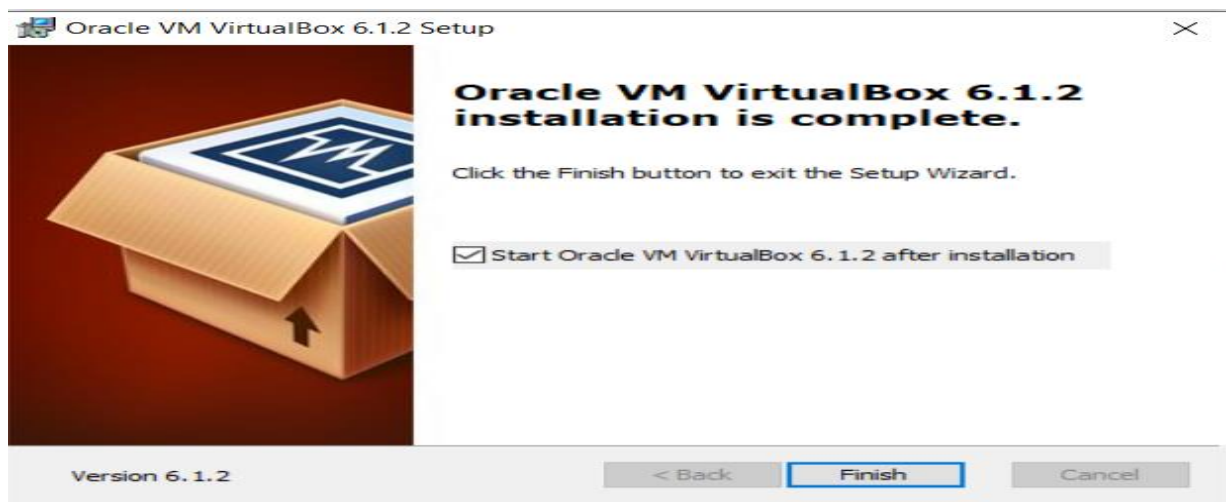
- Ready to Install:
- Installing Files and packages:



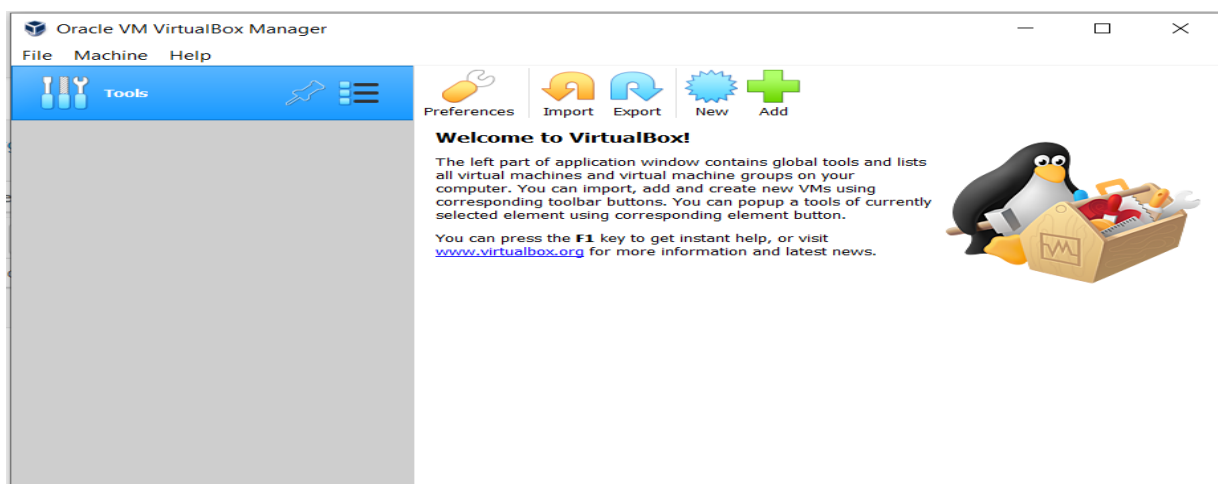
- Installing Certificates:



- Finished Installation:

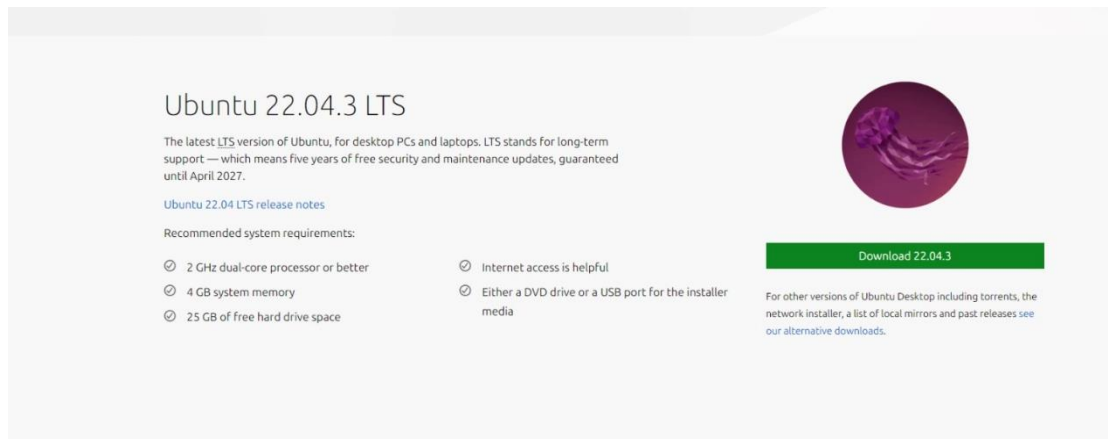


- When you will open virtualbox it will look like as shown below:

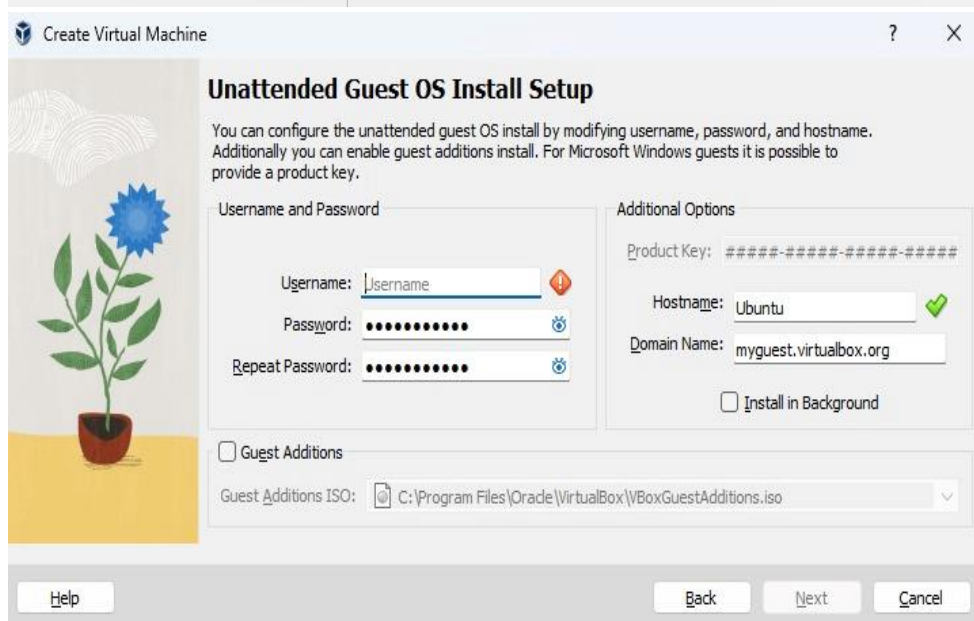
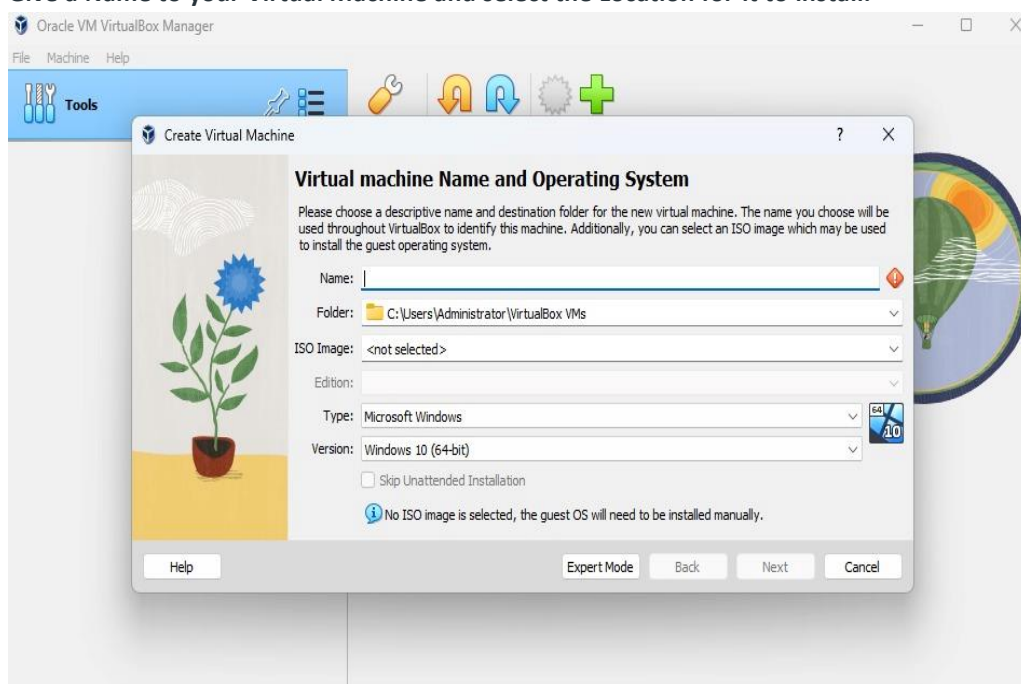


## Step2: Install Windows/Linux in it :

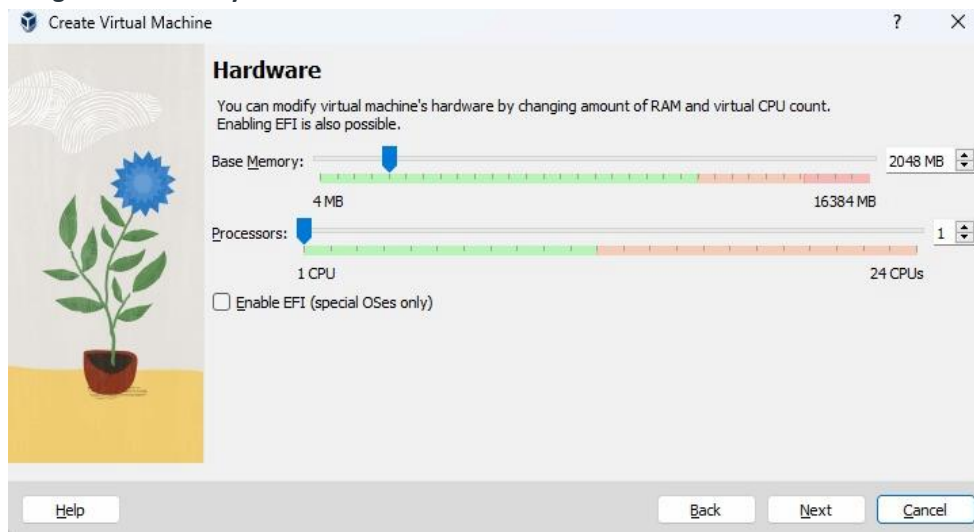
- Download Ubuntu ISO file



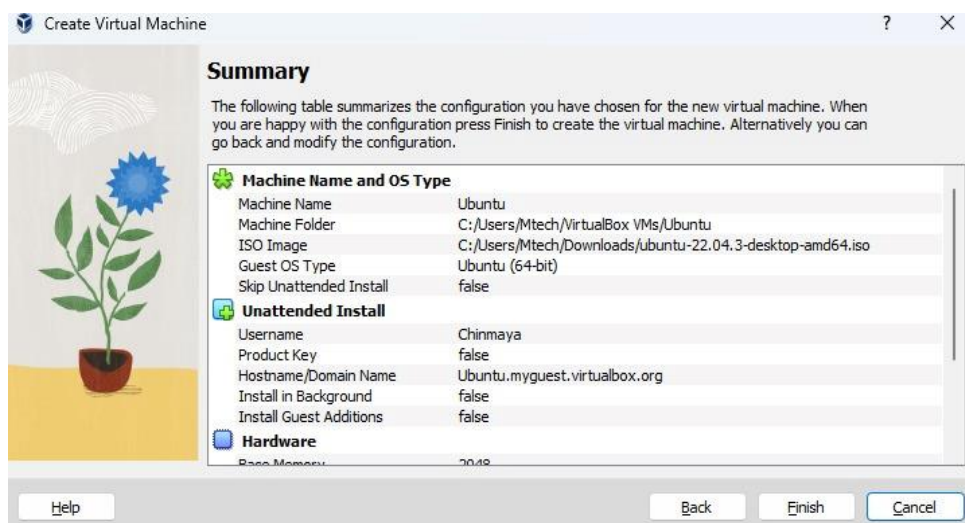
- Give a Name to your Virtual Machine and select the Location for it to install.



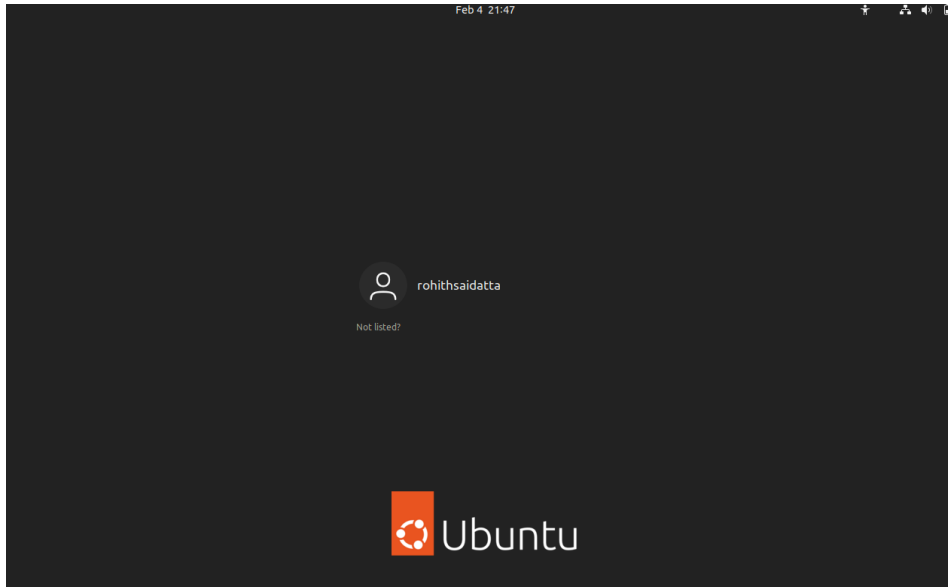
- Assign RAM Size to your Virtual Machine.



- Create a Virtual Hard Disk for the machine to store files.



- Proceed with the installation file and wait for further options.



**Step3:Run a C/Python program in this platform:**

- write a C code using text editor and run it.

A screenshot showing a C program being written in a text editor and then run in a terminal. The text editor window is titled 'even\_odd.c' and shows the following code:

```
1 #include <stdio.h>
2 int main() {
3     int num;
4     printf("Enter an integer: ");
5     scanf("%d", &num);
6
7     // true if num is perfectly divisible by 2
8     if(num % 2 == 0)
9         printf("%d is even.", num);
10    else
11        printf("%d is odd.", num);
12
13    return 0;
14 }
15
```

The terminal window shows the command 'gcc even\_odd.c' being executed, followed by './a.out'. The output shows '24 is even.' and '13 is odd.' for the respective inputs.