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LAB1: Installing the Fedora OS on a Virtual Machine

Requirement

1. Capture all windows for showing that you installed successfully the Fedora, MC, Fedora Eclipse
2. Demonstrate 2 programs in the guiding tutorial to file (PDF format is recommended) and upload it to the CMS. You must give an explanation to the program 1 about processes.

Download latest VMWare Station:

<https://www.vmware.com/content/vmware/vmwarepublic/sites/us/products/workstationplayer.html.html>

Download your compatible Fedora version:

<https://fedoraproject.org/en/workstation/download/>

The image shows two screenshots of a web browser interface. The top screenshot displays a forum post on the 'VMware VMTN Communities' website. The post is titled 'VMware-workstation-full-8.0.0-471780' and is from a user named ANUPAMMITRA. It discusses a download issue where the cabinet file 'conver~1.cab' was corrupt. The post includes a reply button and a '0 Kudos' count. The bottom screenshot shows the 'Fedora Project' website, specifically the 'Workstation' section. It features a prominent 'Download' button and information about 'Fedora Workstation 38'. It also mentions the 'Fedora Media Writer' and provides links for documentation, release notes, and community support. Both screenshots include a Windows taskbar at the bottom with various icons and system status.

VMware VMTN Communities

REGISTER / SIGN IN

VMware Communities

VMware-workstation-full-8.0.0-471780

ANUPAMMITRA • Contributor • 10-25-2011 08:14 PM

Today I have downloaded the above Workstation. But when I went for installation, in the midway it is shown that "Error - 1335. The cabinet file conver~1.cab is corrupt and cannot be used. Incidentally, I am using WINDOWS XP SP 3.
Would you please help me to solve the problem.
Hurraeh ! Now it is solved. Simply I was trying to install it severally despite failure notice. But after five or six occasions, to my utter surprise, this time it did not give me any error message and lastly installed. 😊

REPLY

0 Kudos

All forum topics | < Previous Topic | Next Topic >

Cookie Settings

27°C Mostly cloudy

Search

Fedora Workstation | The Fedora

https://fedoraproject.org/en/workstation/download/

Get Fedora Contributors Connections Help Languages

fedora WORKSTATION

Download Community

Download Fedora Workstation 38

We're so glad you've decided to give Fedora Workstation a try. We know you'll love it.

RELEASE DATE: Tuesday, April 18, 2023

Documentation Release Notes Community Support

Show Beta downloads

Become a Fedora Contributor - Help us with testing! Learn more

F Fedora Media Writer

Get started by using Fedora Media Writer, which makes it

Just want an ISO file?

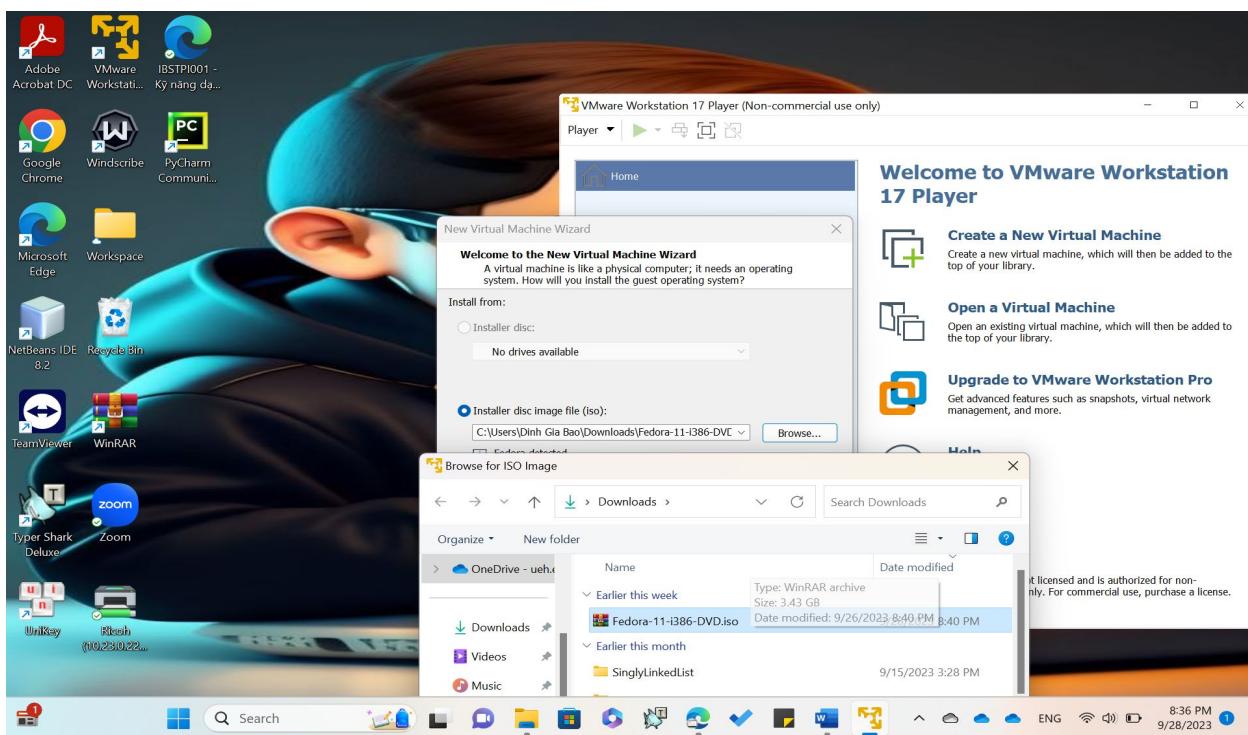
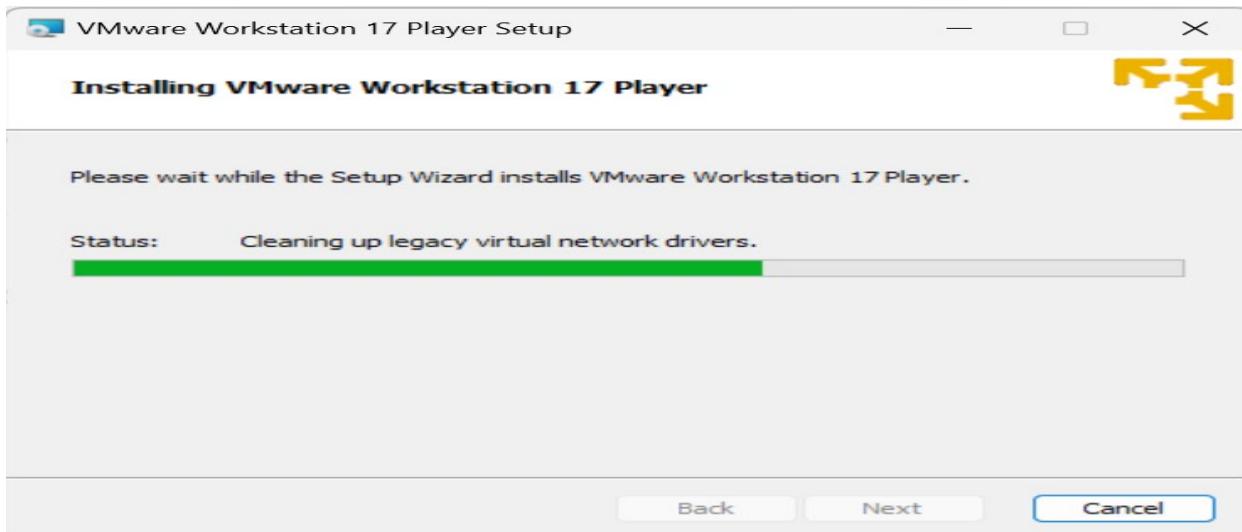
Not sure how to use these files? [Learn here](#)

27°C Mostly cloudy

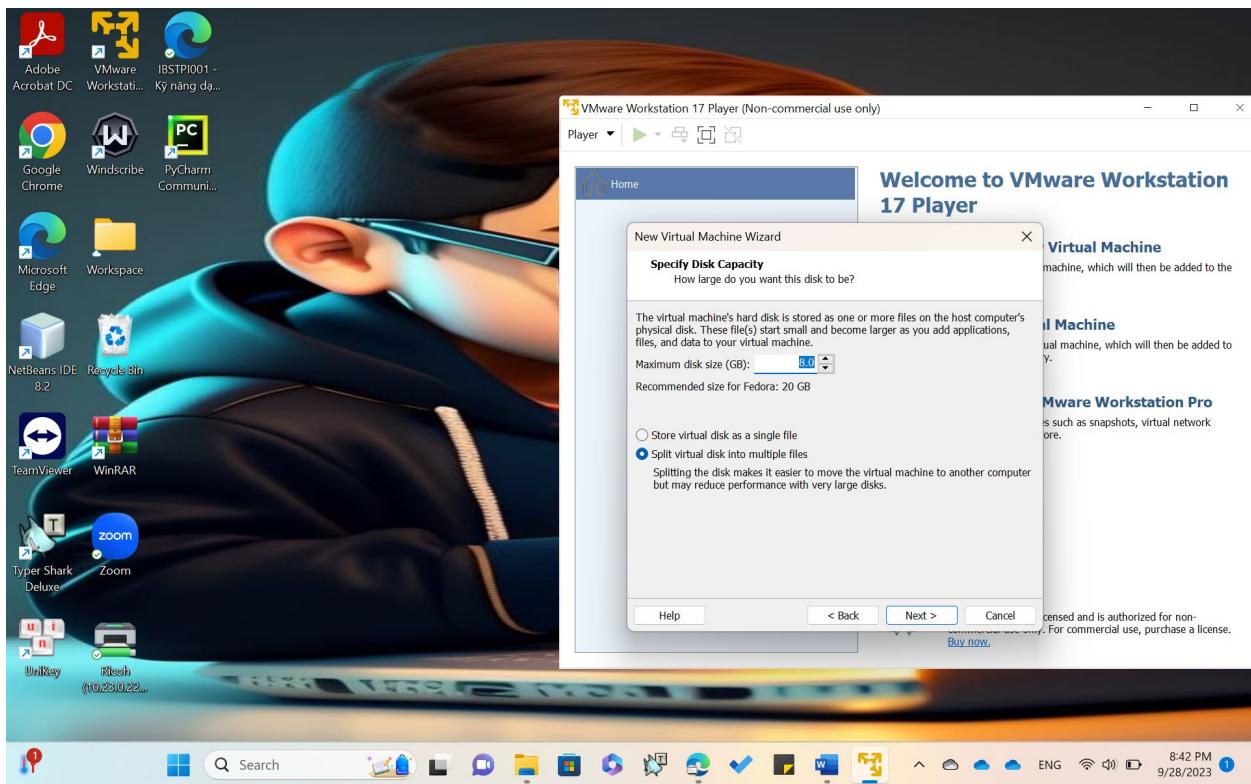
8:08 PM 9/28/2023

Download VMWare Workstaion and Fedora Workstation on Website.

✓ Today			
 VMware-workstation-full-17.0.0-20800274.exe	9/28/2023 9:13 PM	Application	622,471 KB
✓ Earlier this week			
 Fedora-11-i386-DVD.iso			
	9/26/2023 8:40 PM	WinRAR archive	3,597,490 KB



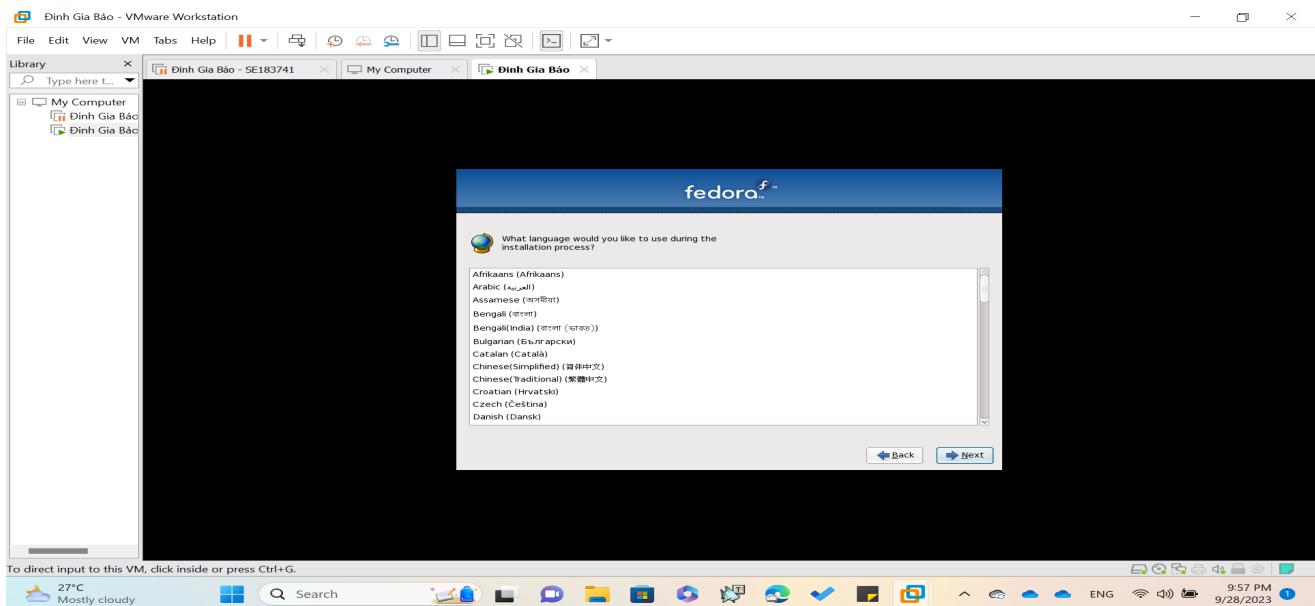
Add Fedora file(.iso) to the New Virtual Machine setup.

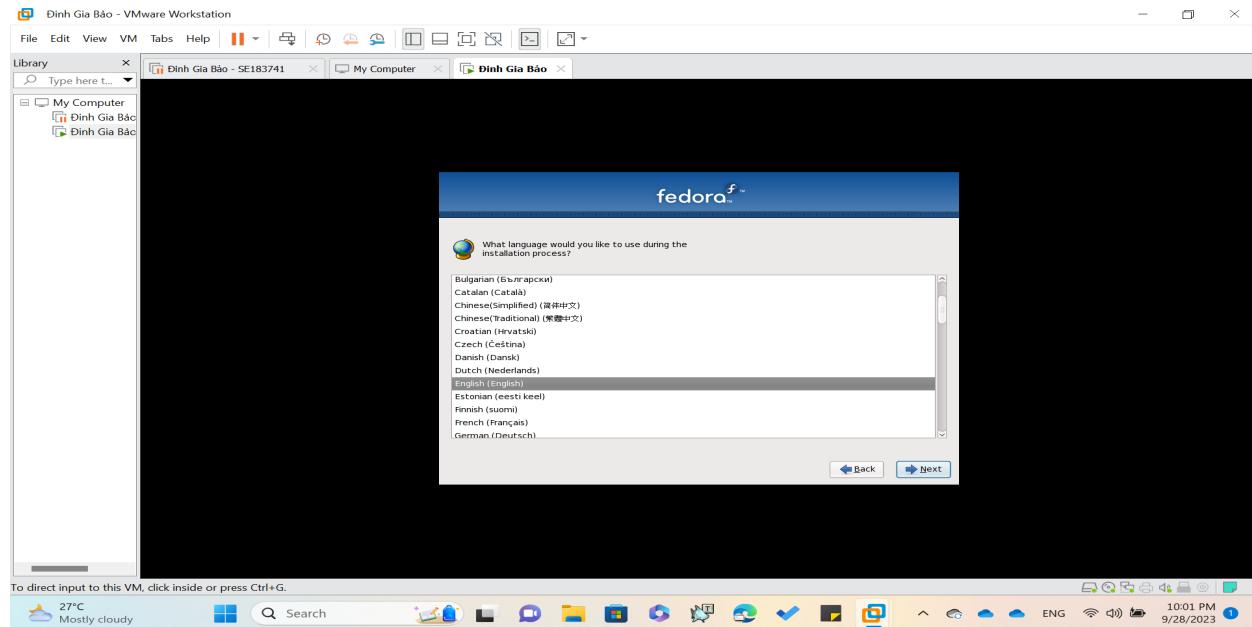


Specify the MAXIMUM Disk-size (multiple of 2GB)

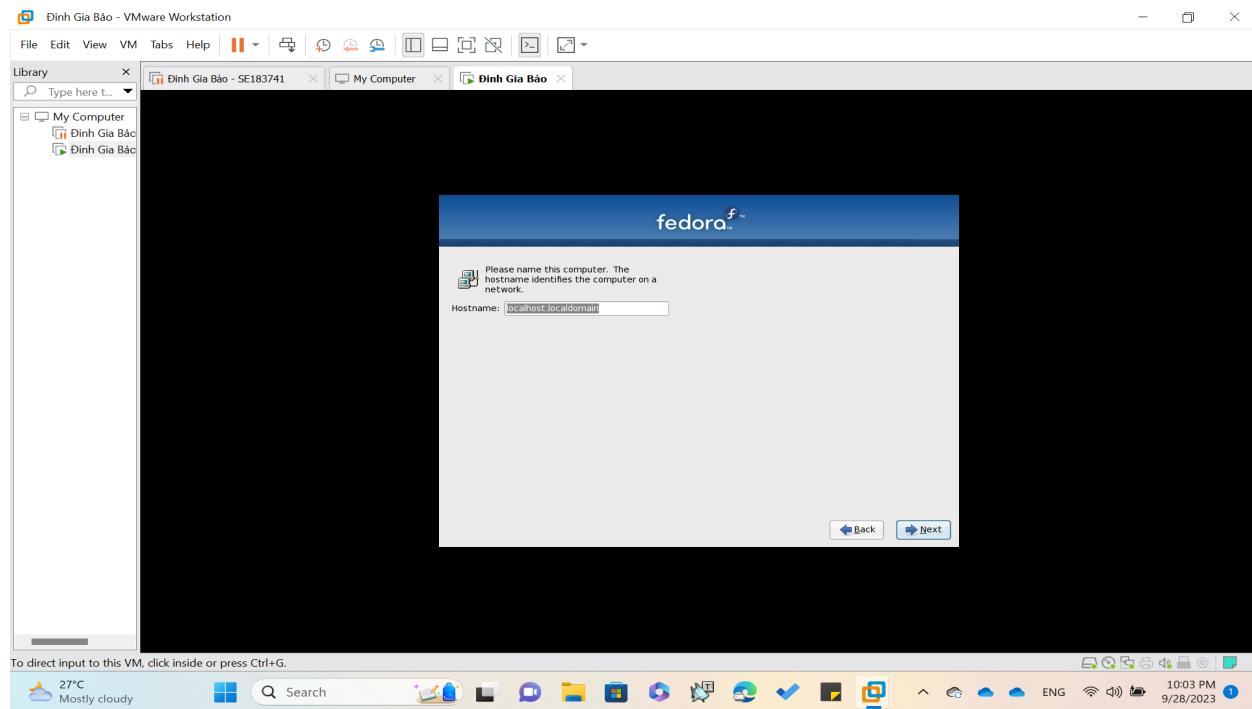
The **Split virtual disk into multiple files** should be selected.

INSTALL FEDORA

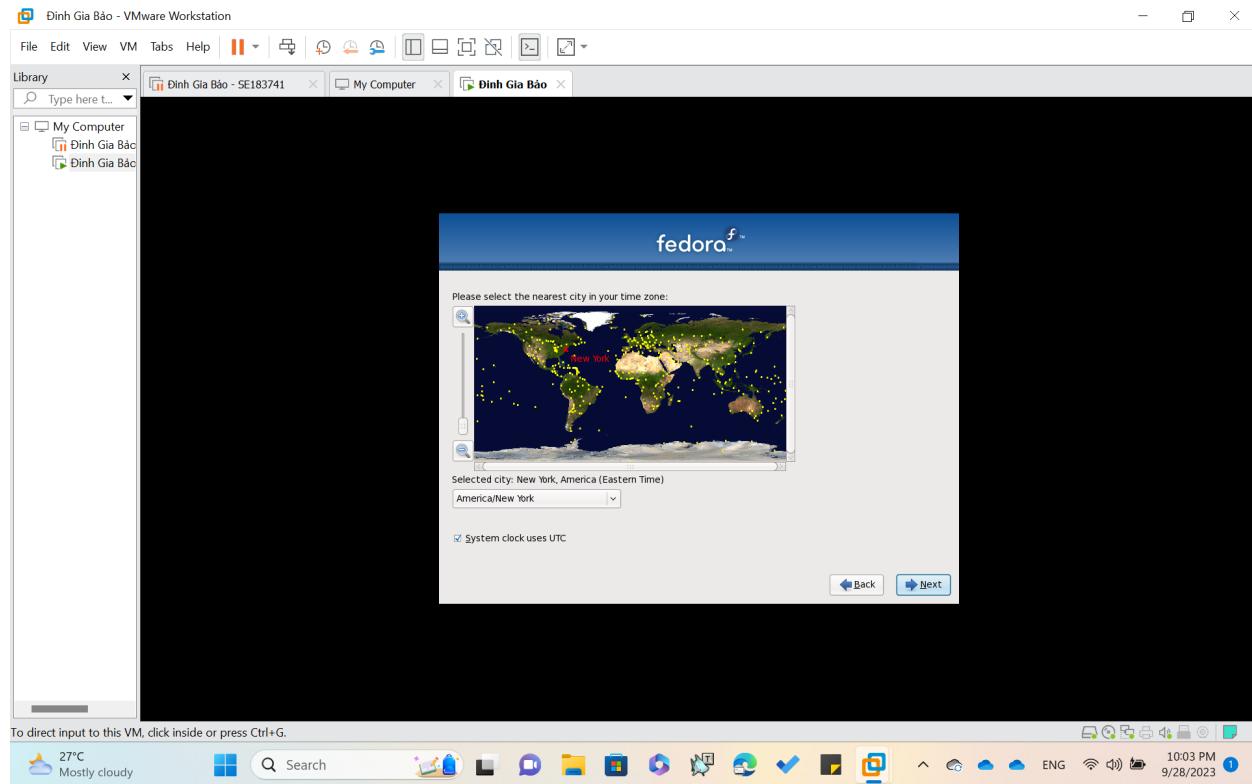




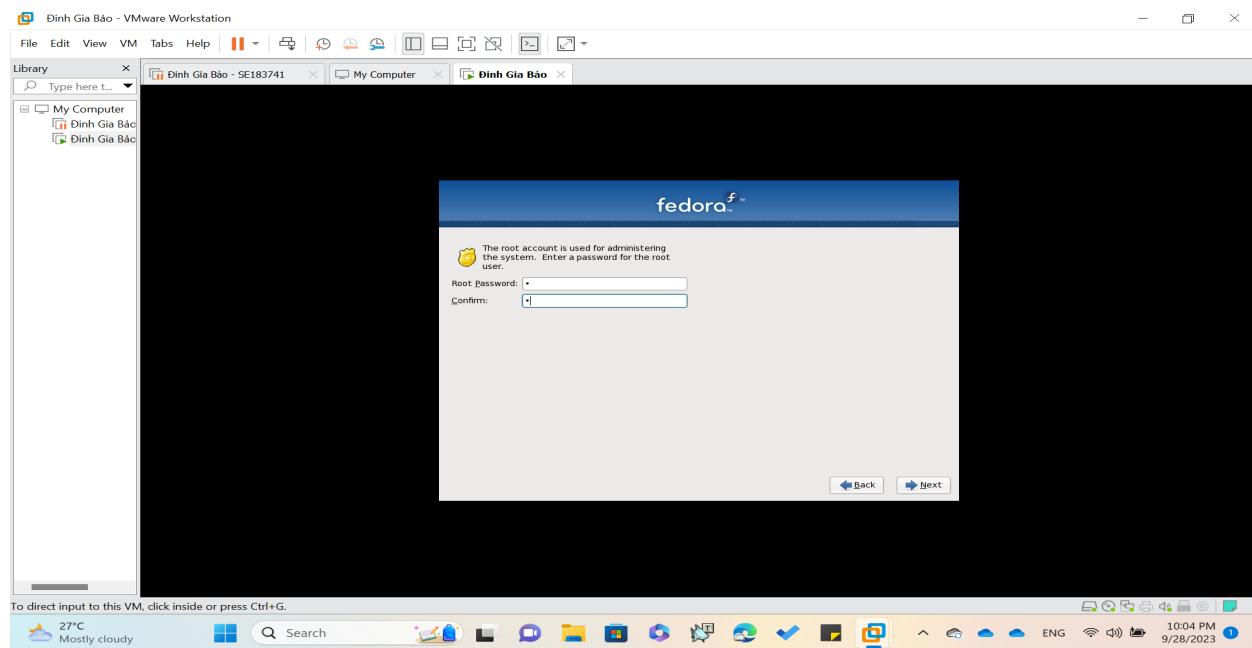
Choose your Language



Click **NEXT** button

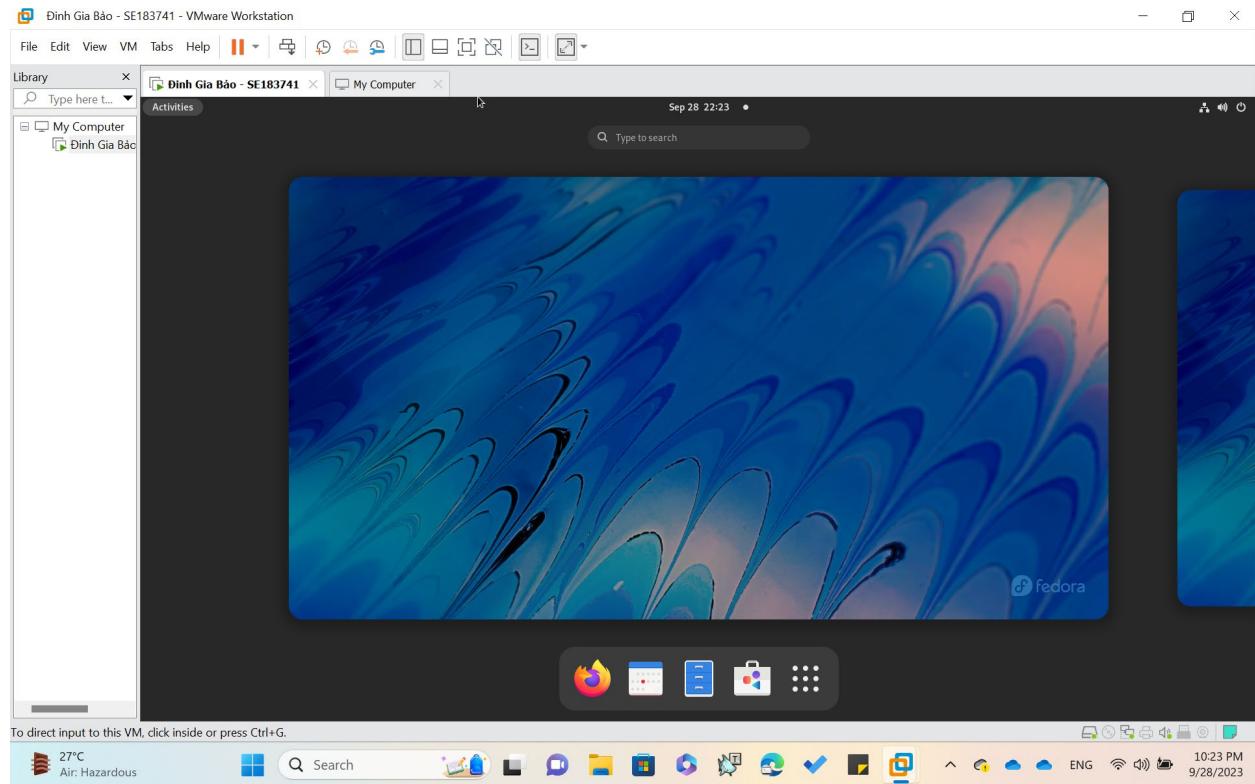


Click Next



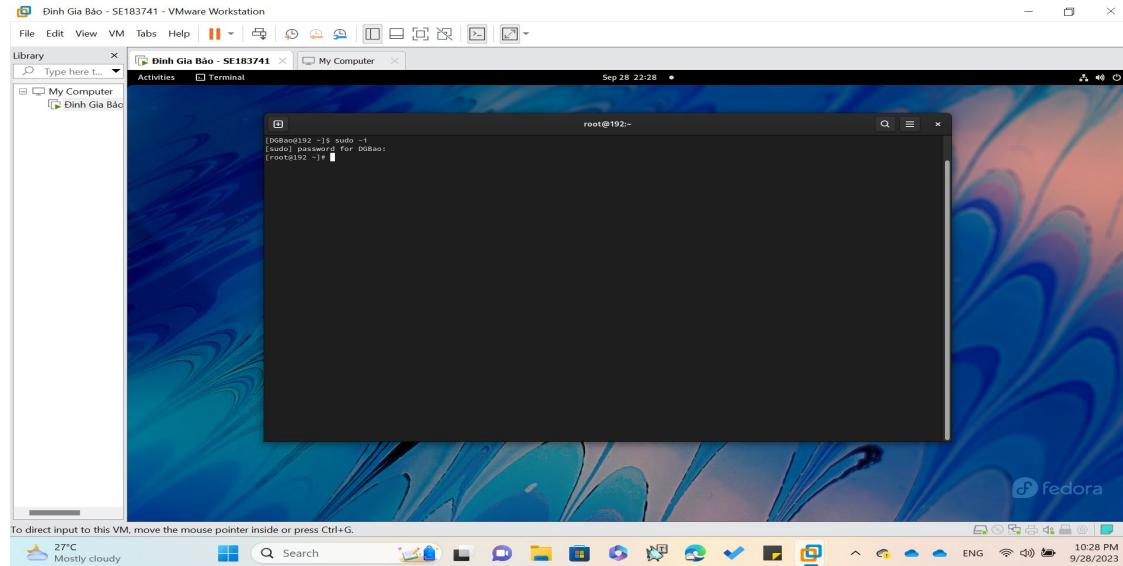
Set Password !!!

Recommend to Set your password as '1'

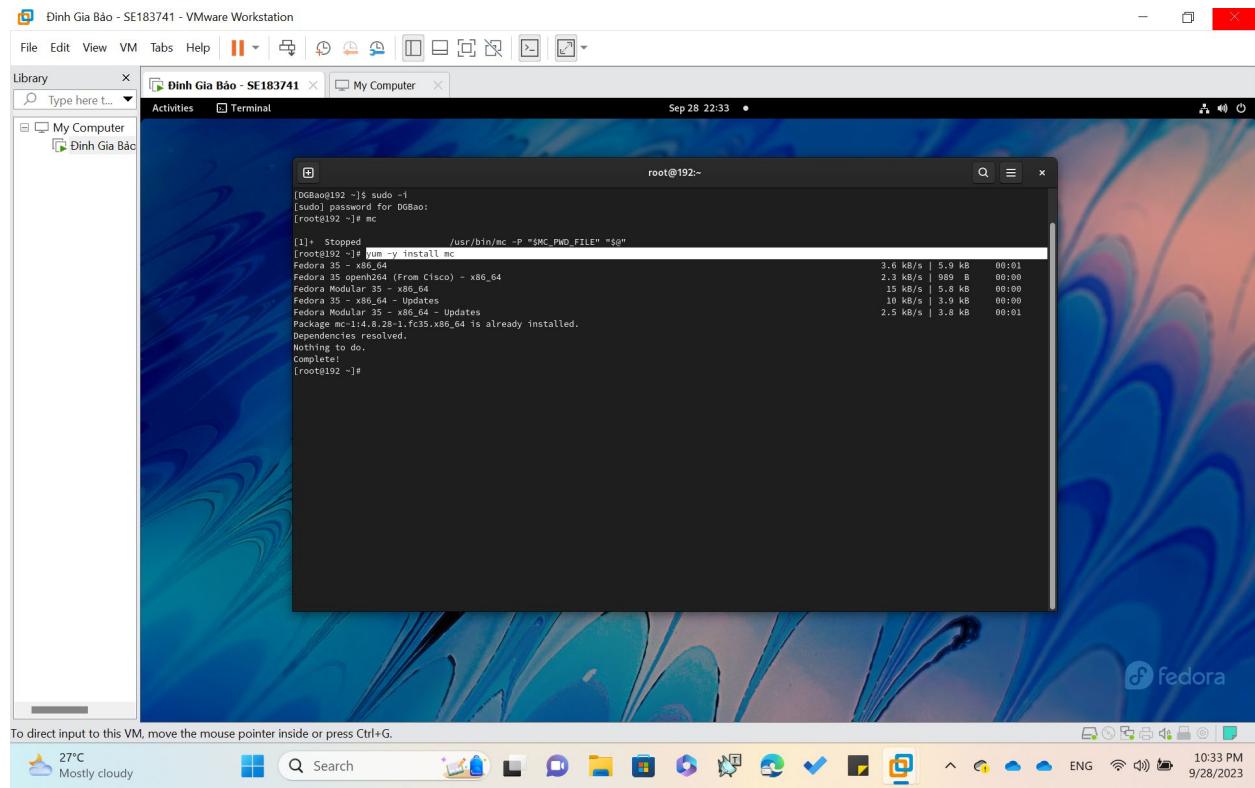


HERE IS A FEDORA GUI

INSTALL Midnight Commander

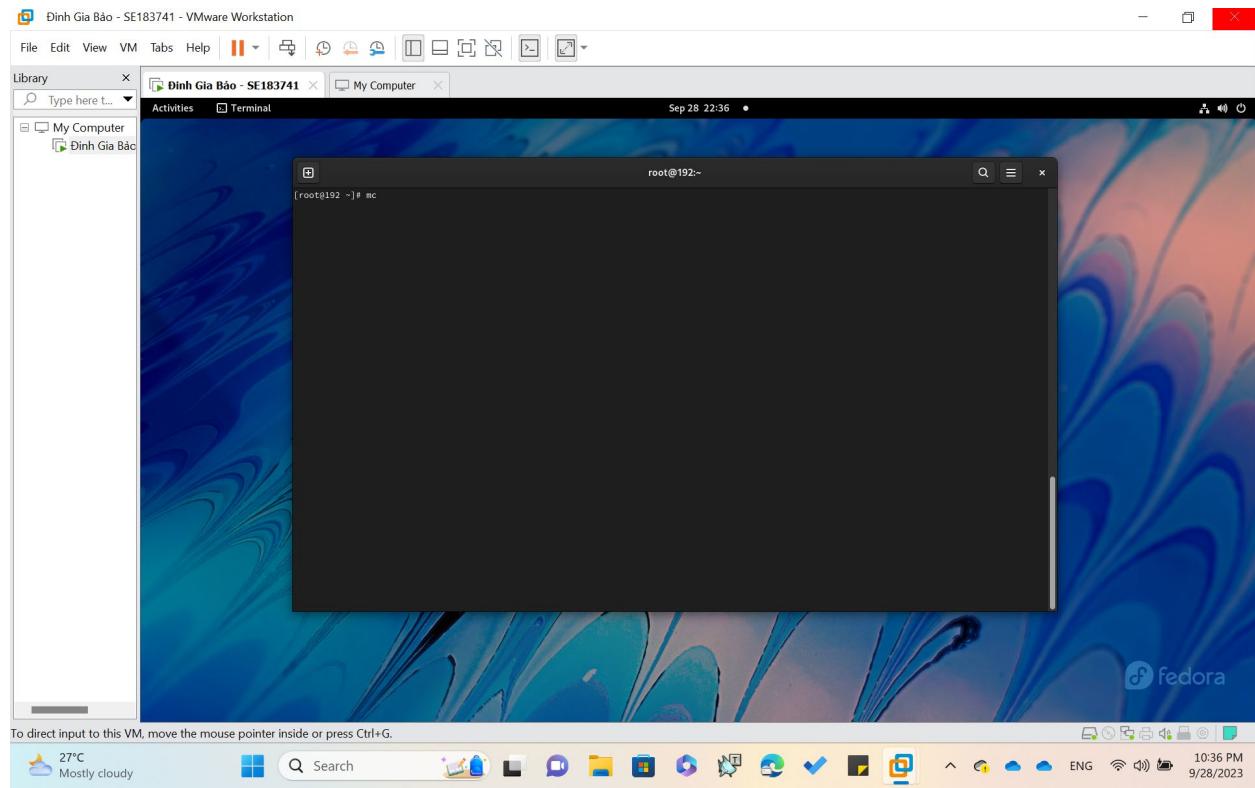


Open Terminal (in Activities) then type `sudo -i`

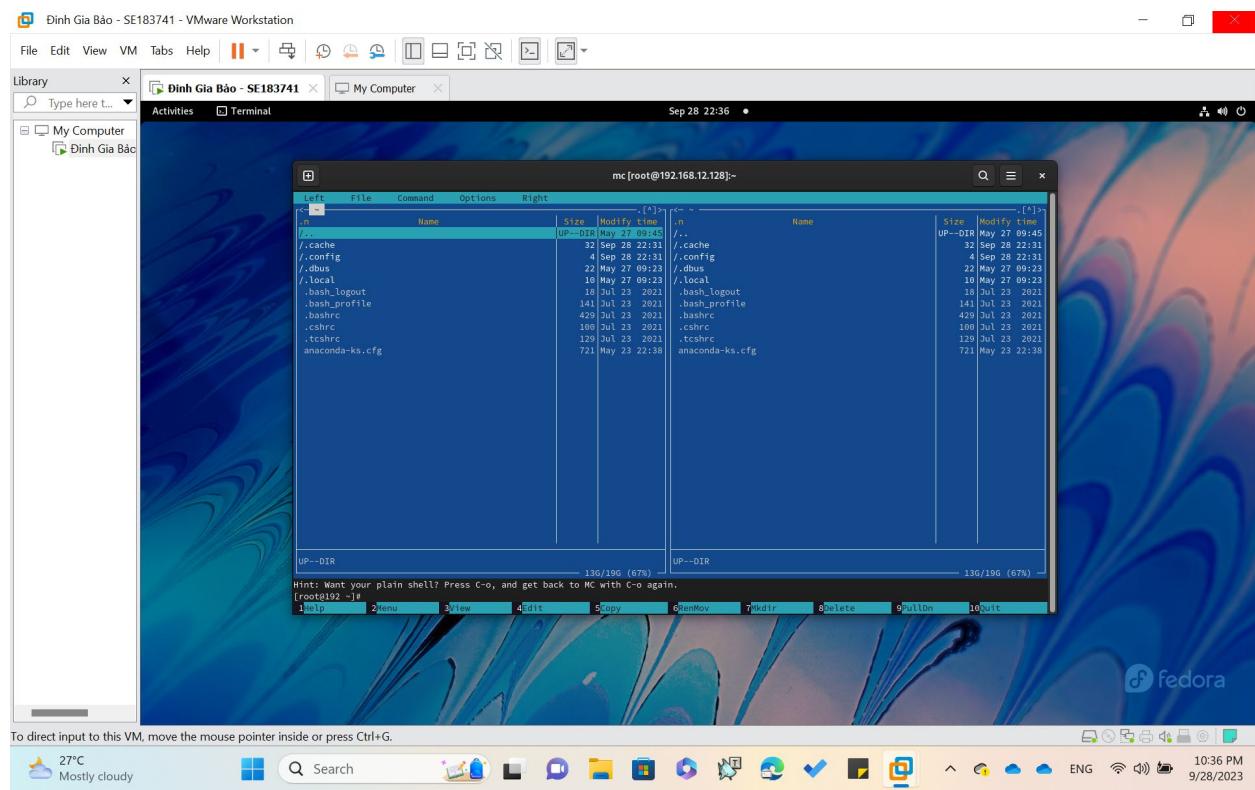


After enter correctly the **password**

Use the command '**yum -y install mc**'



Type 'mc' to check Midnight Commander

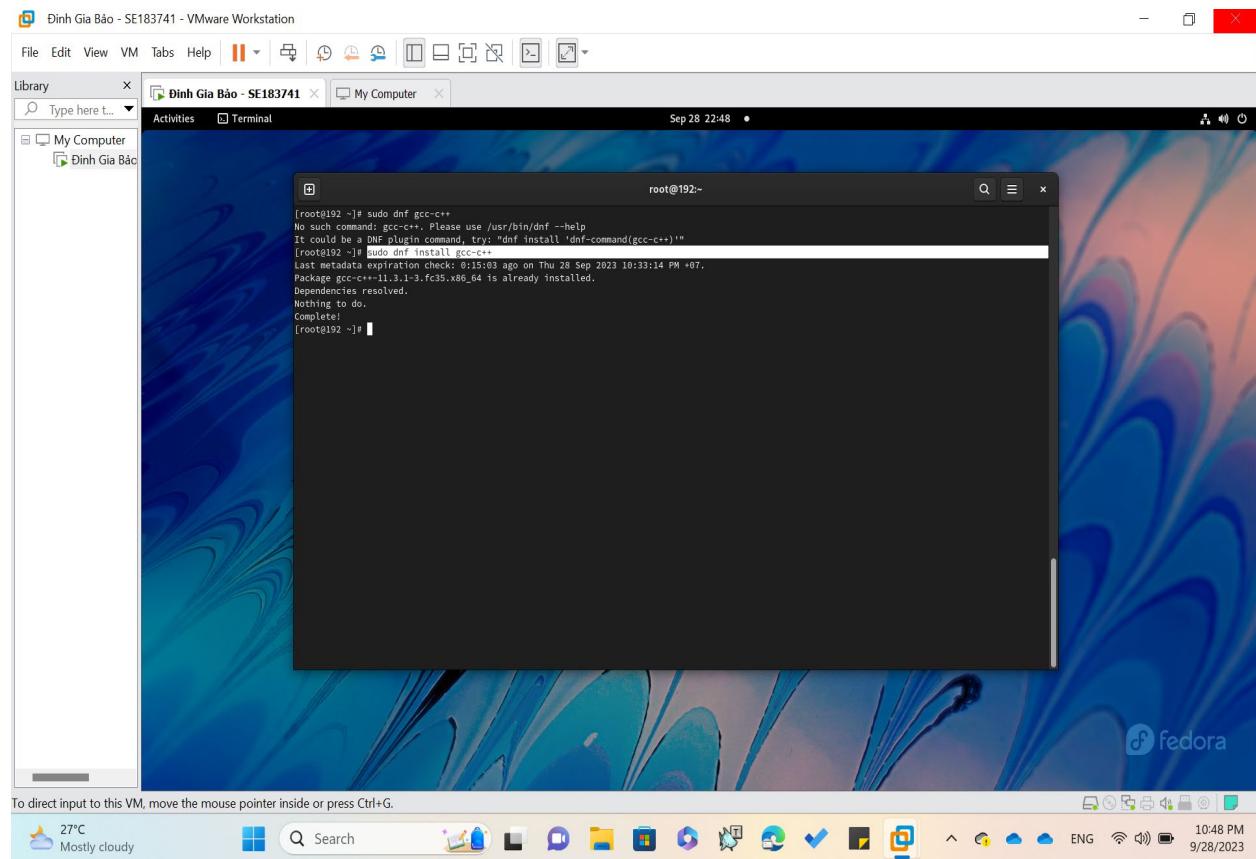


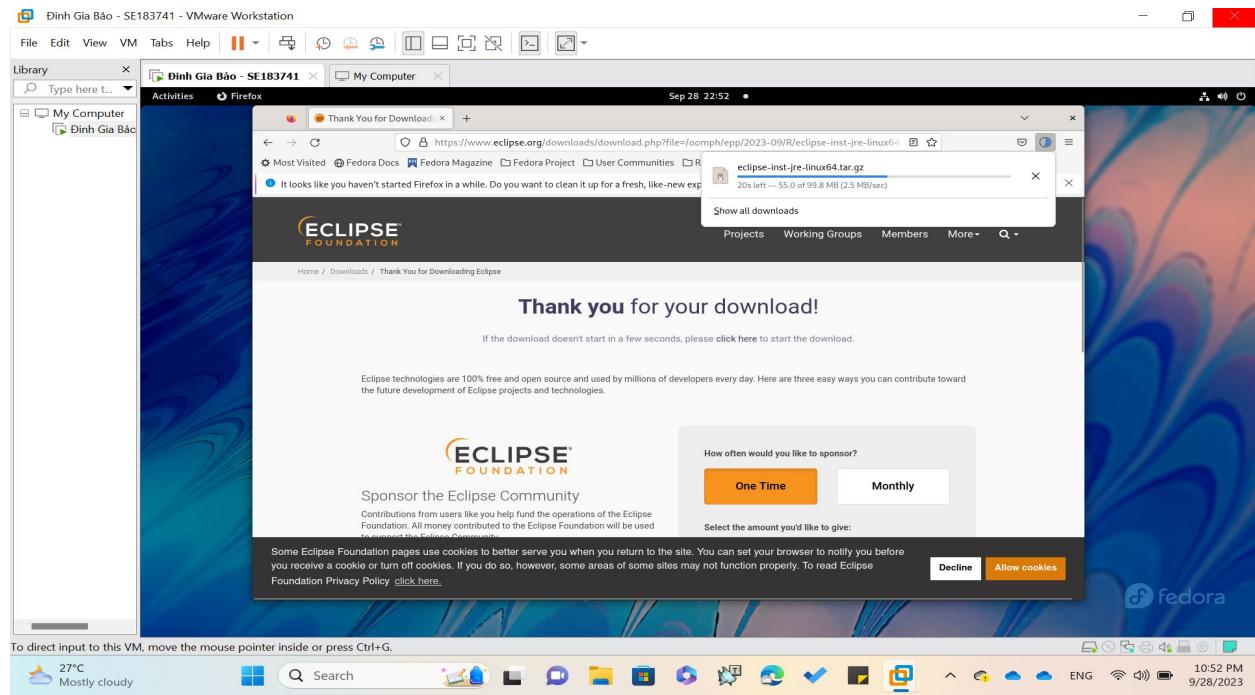
Install and Use the Fedora Eclipse C/C++ .

[Eclipse downloads - Select a mirror | The Eclipse Foundation](#)

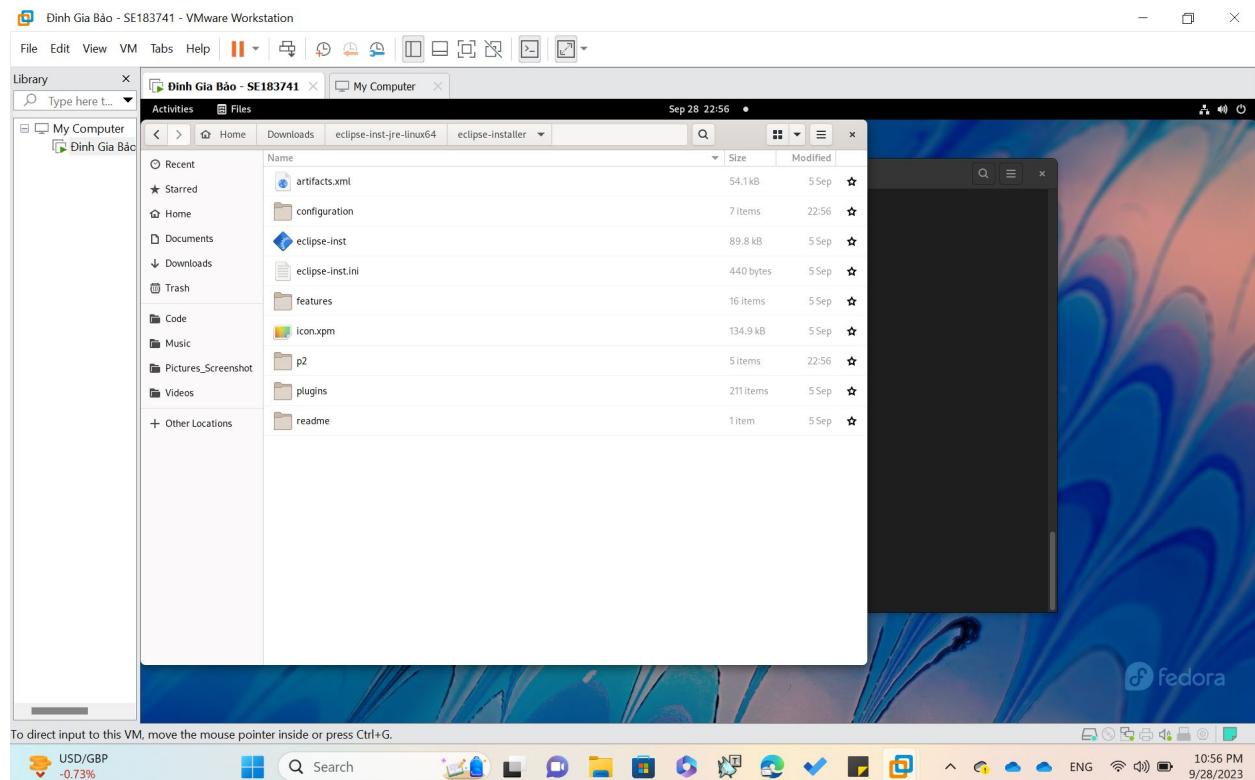
Use the link given above !!!

Firstly , Install C/C++ Environment in Terminal by Command “**sudo dnf install gcc-c++**”

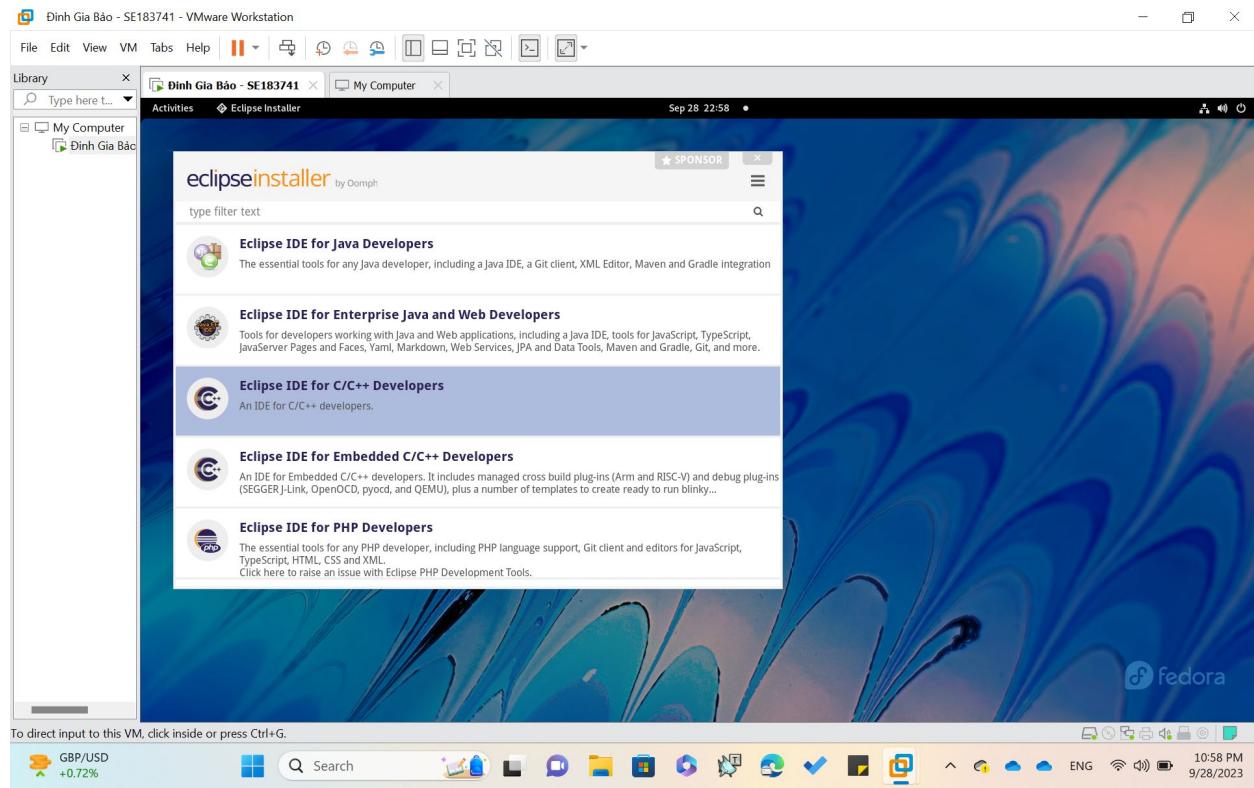




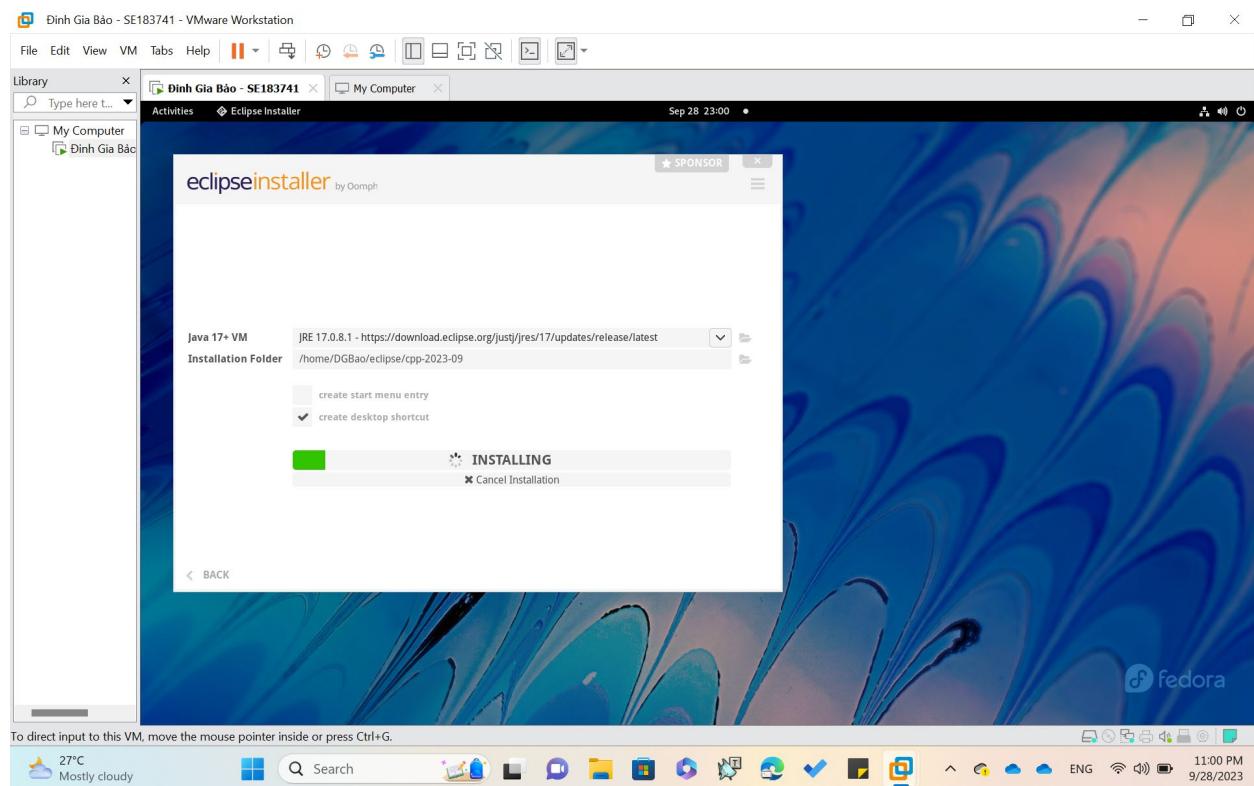
Download Eclipse with the link above . Copy it and paste it to Firefox on Fedora

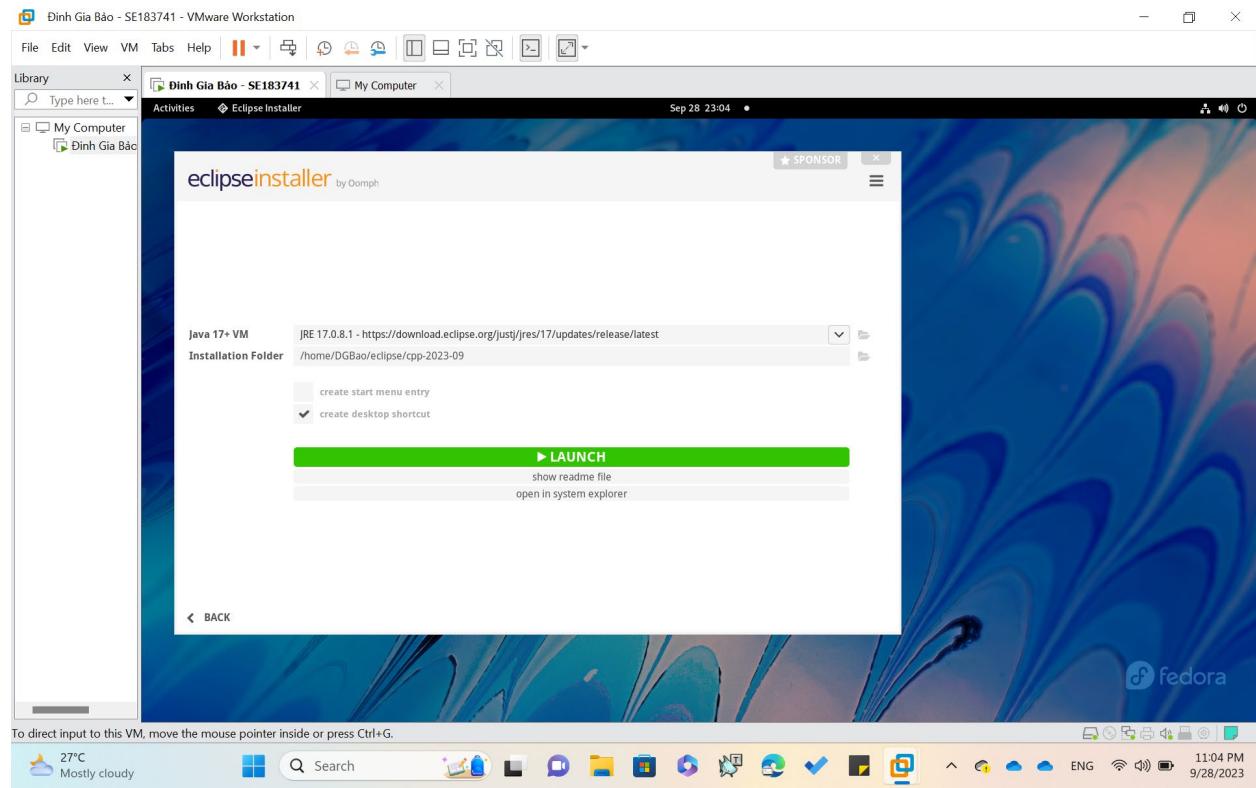


Click on the 'eclipse-inst'



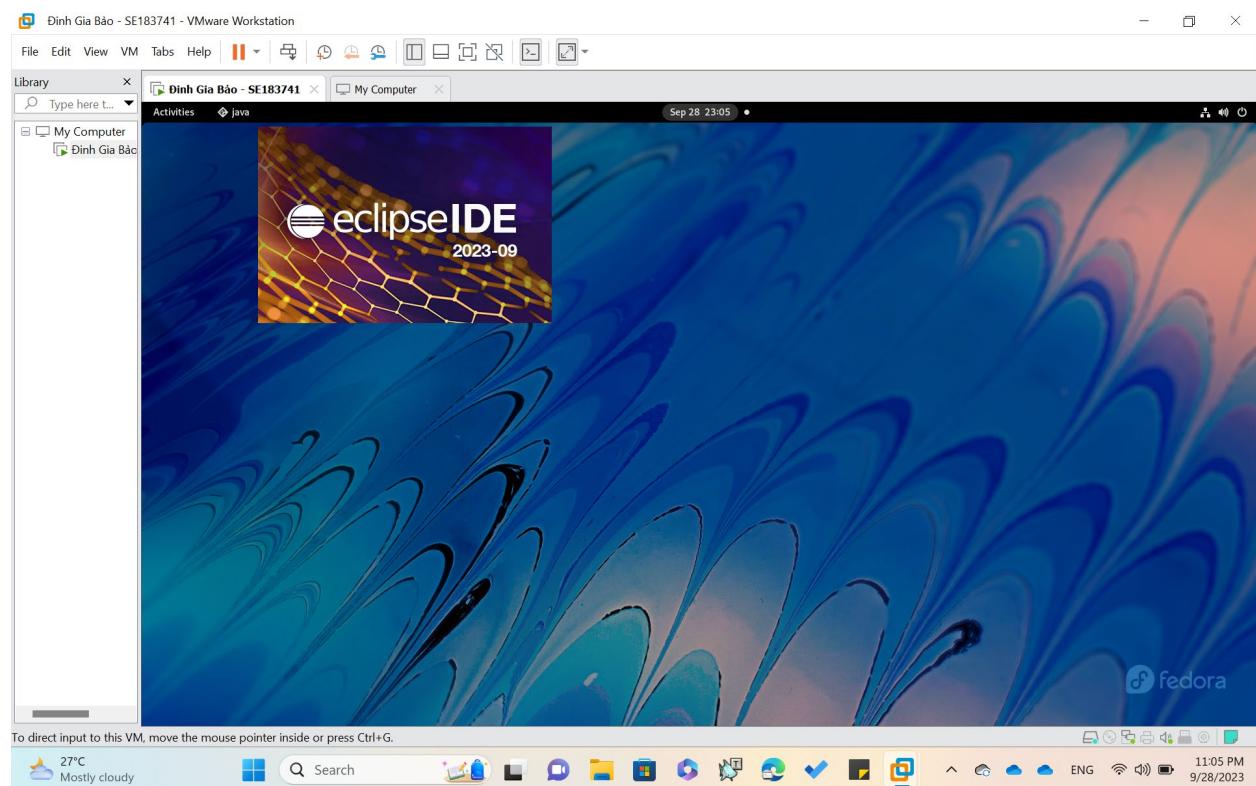
Choose 'Eclipse IDE for C/C++ Developers' and Click 'Install'



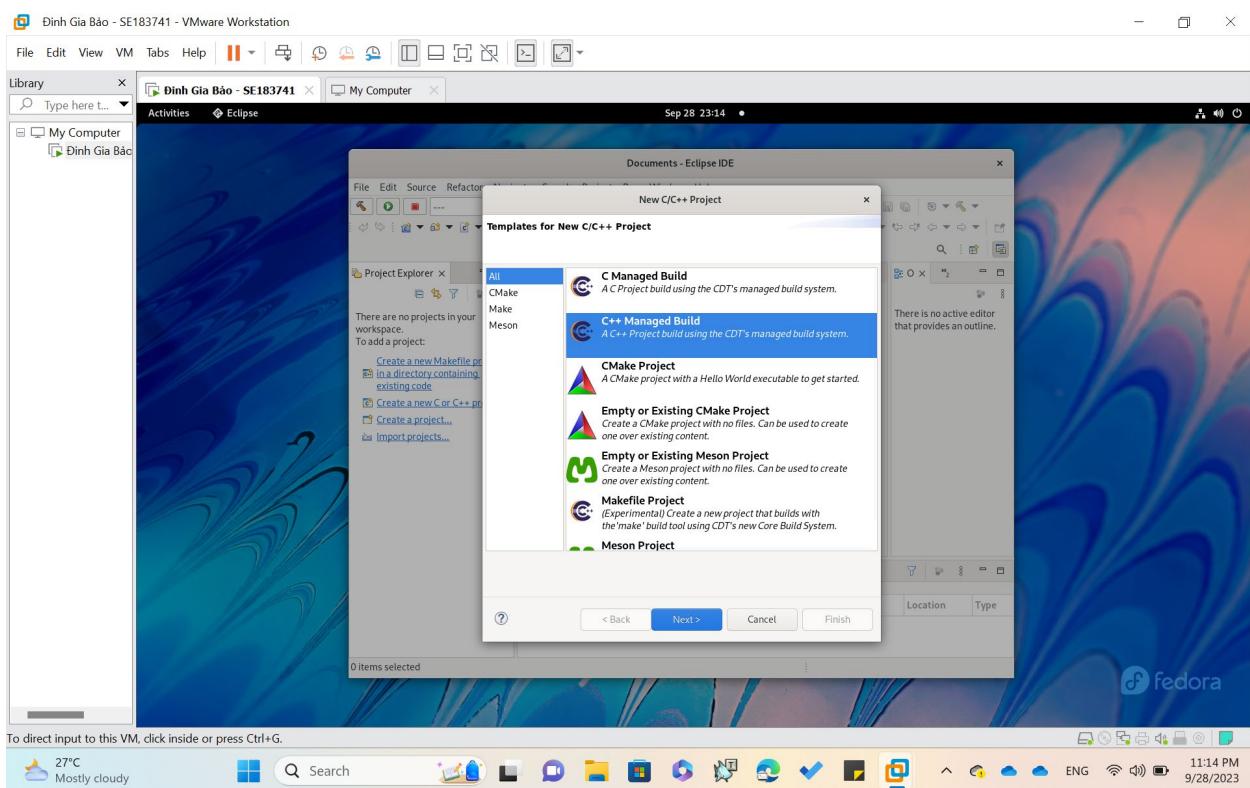
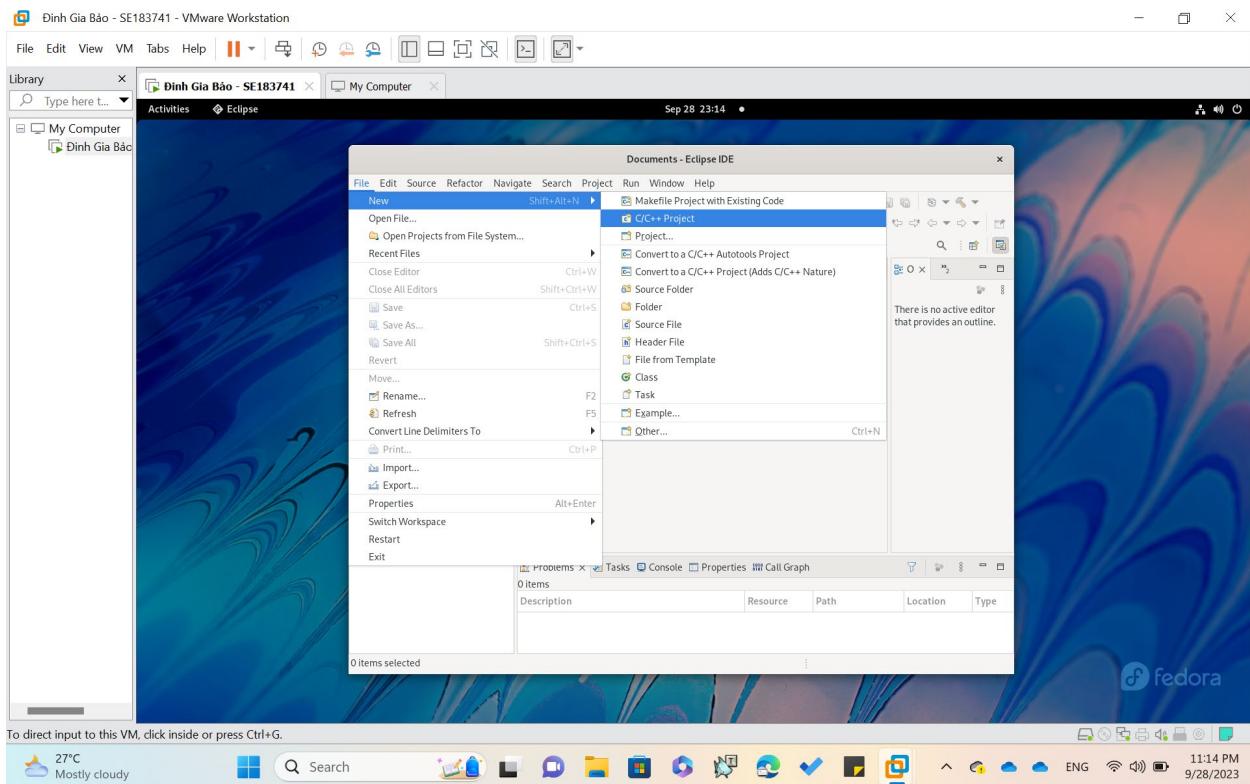


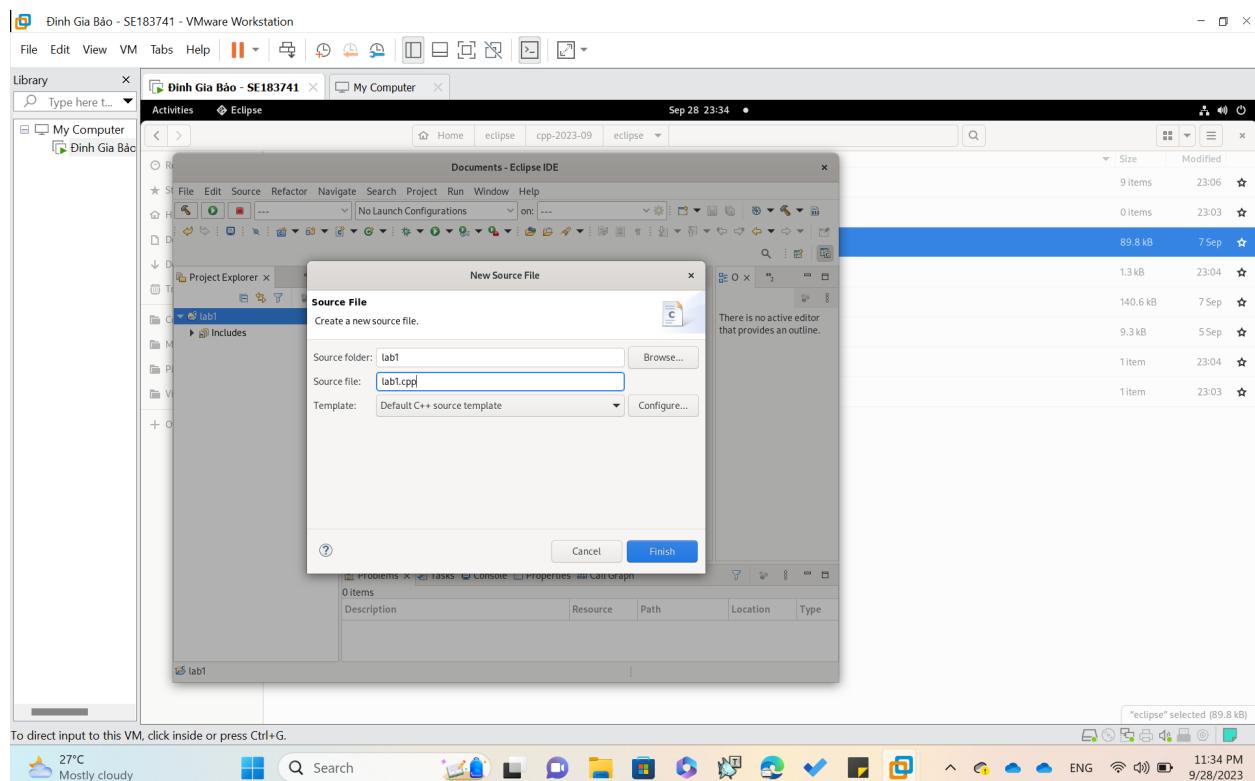
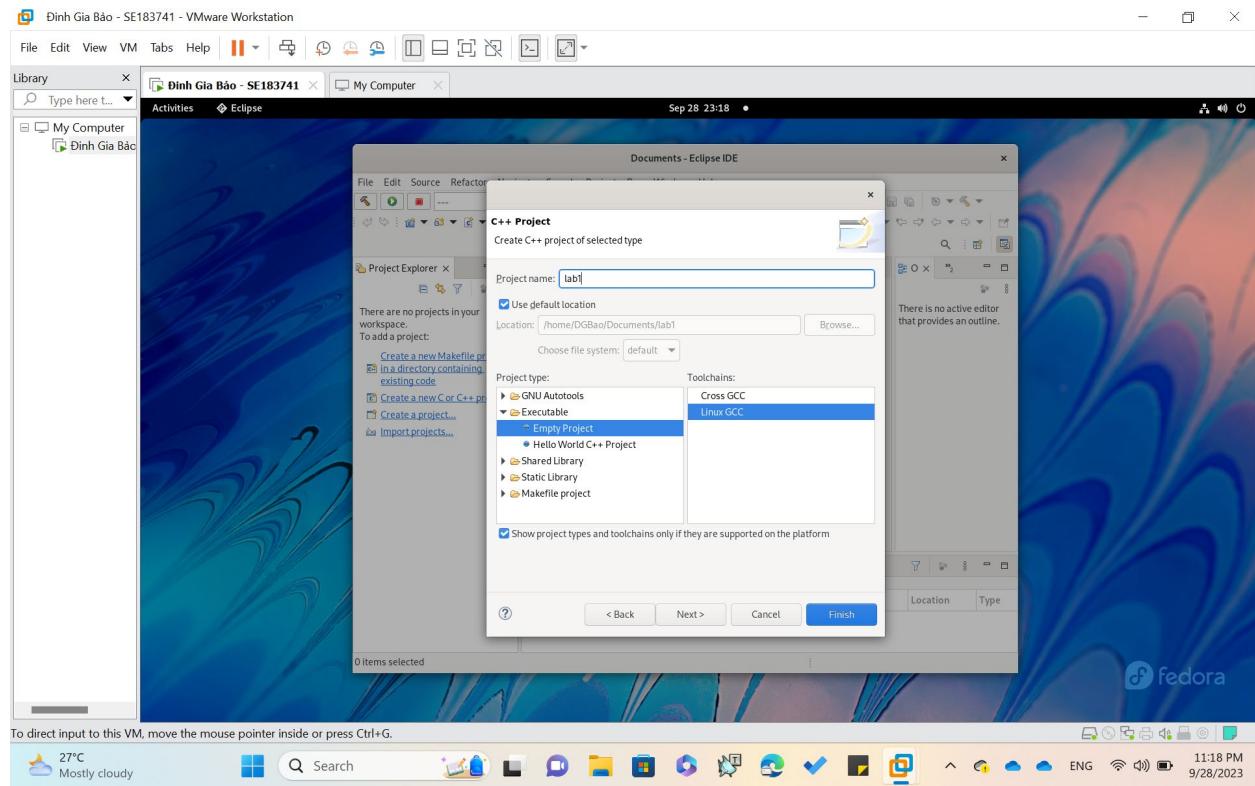
Download **SUCCESSFULLY**

Click **LAUNCH**



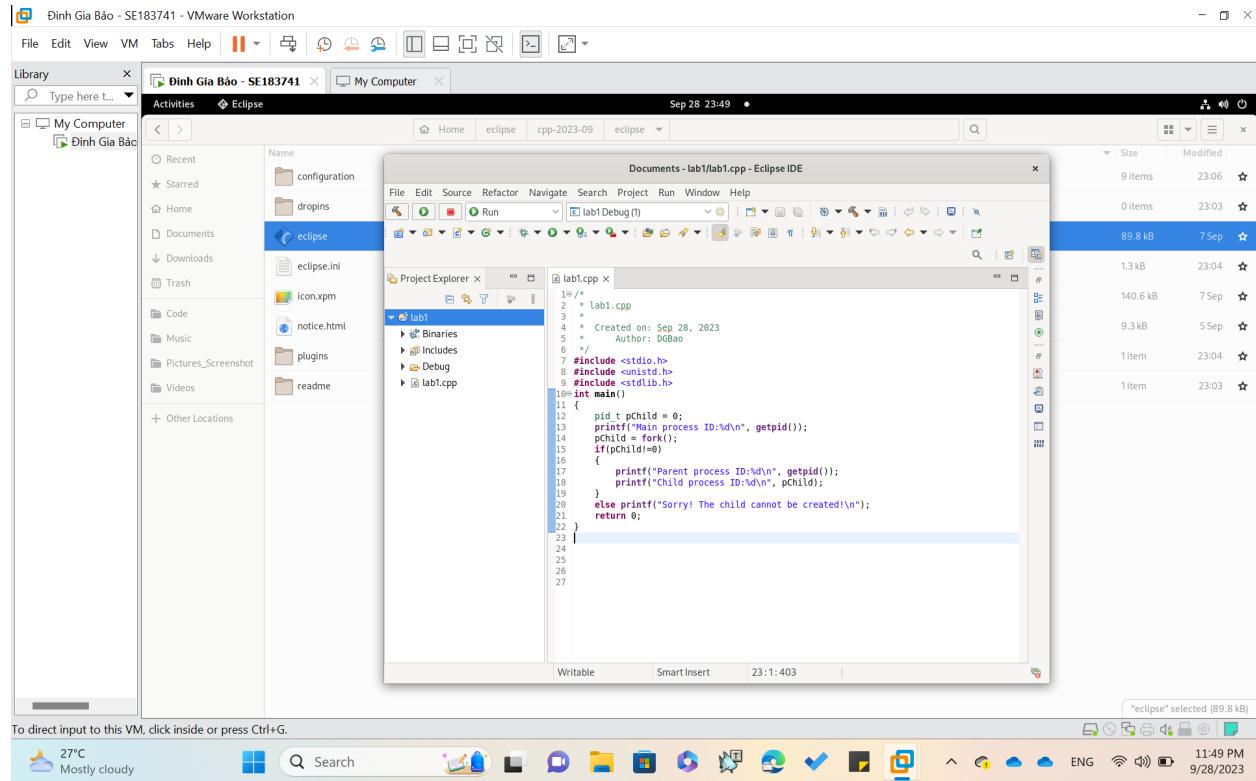
CREATE A FIRST C/C++ PROJECT



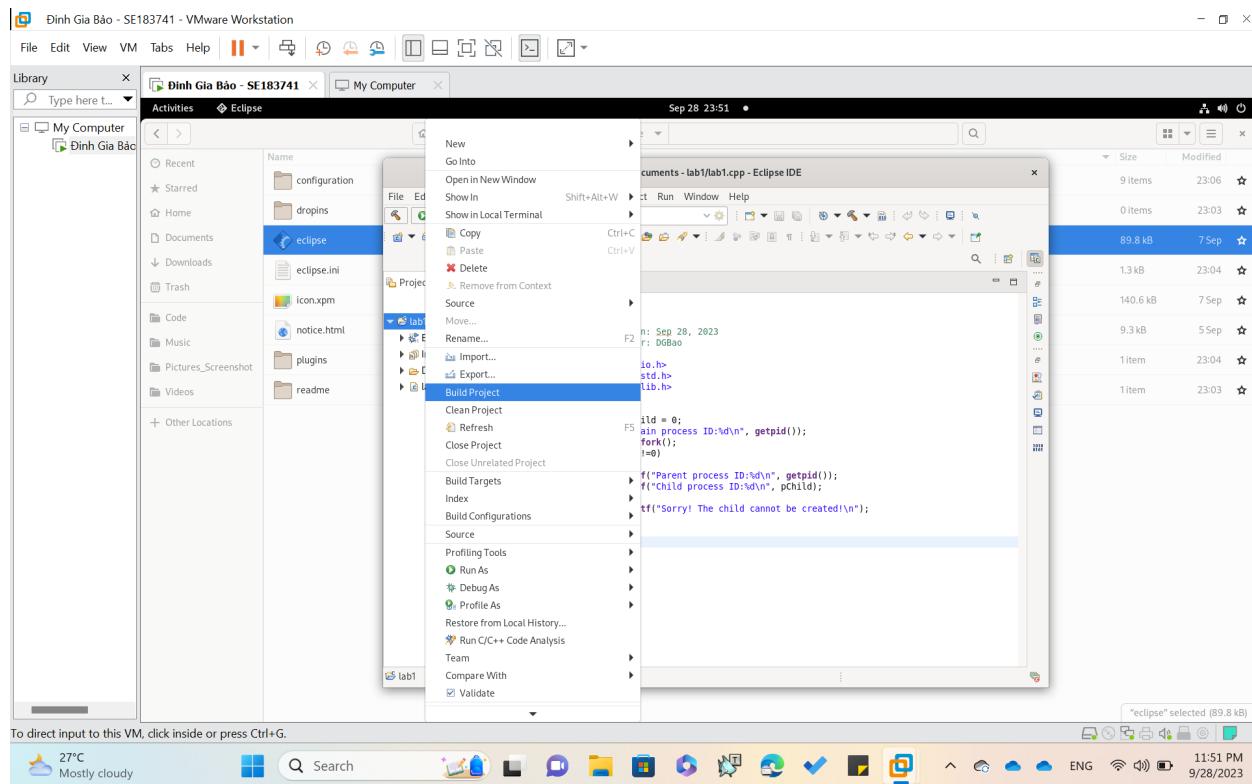


Set file name as '.cpp'

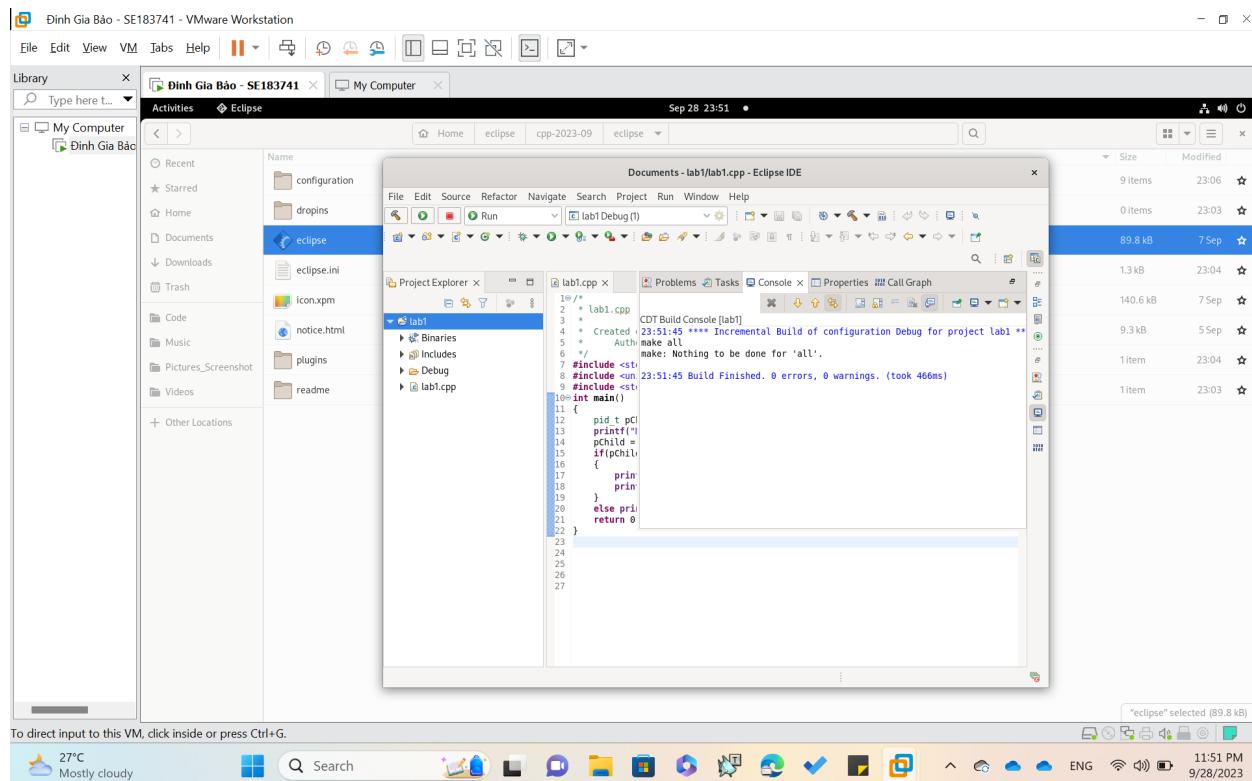
Write Code

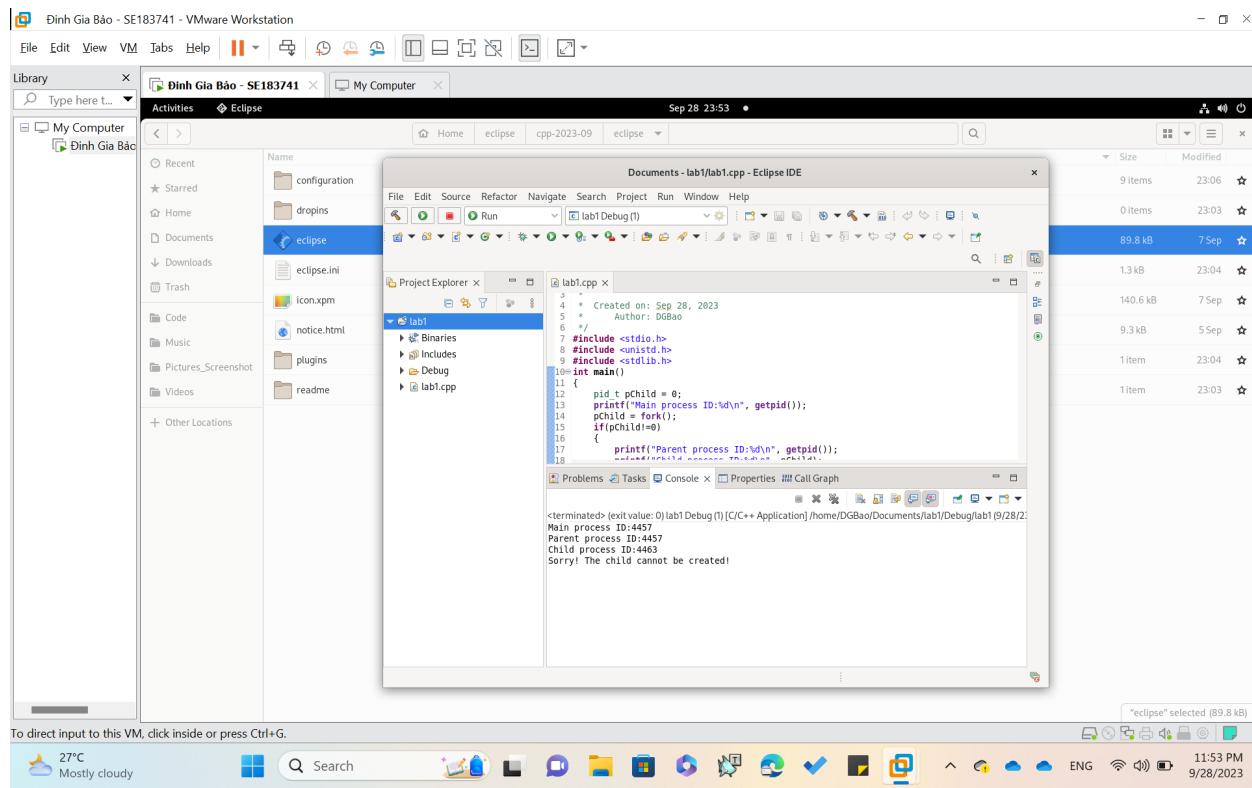


Compile and Run



Build Project





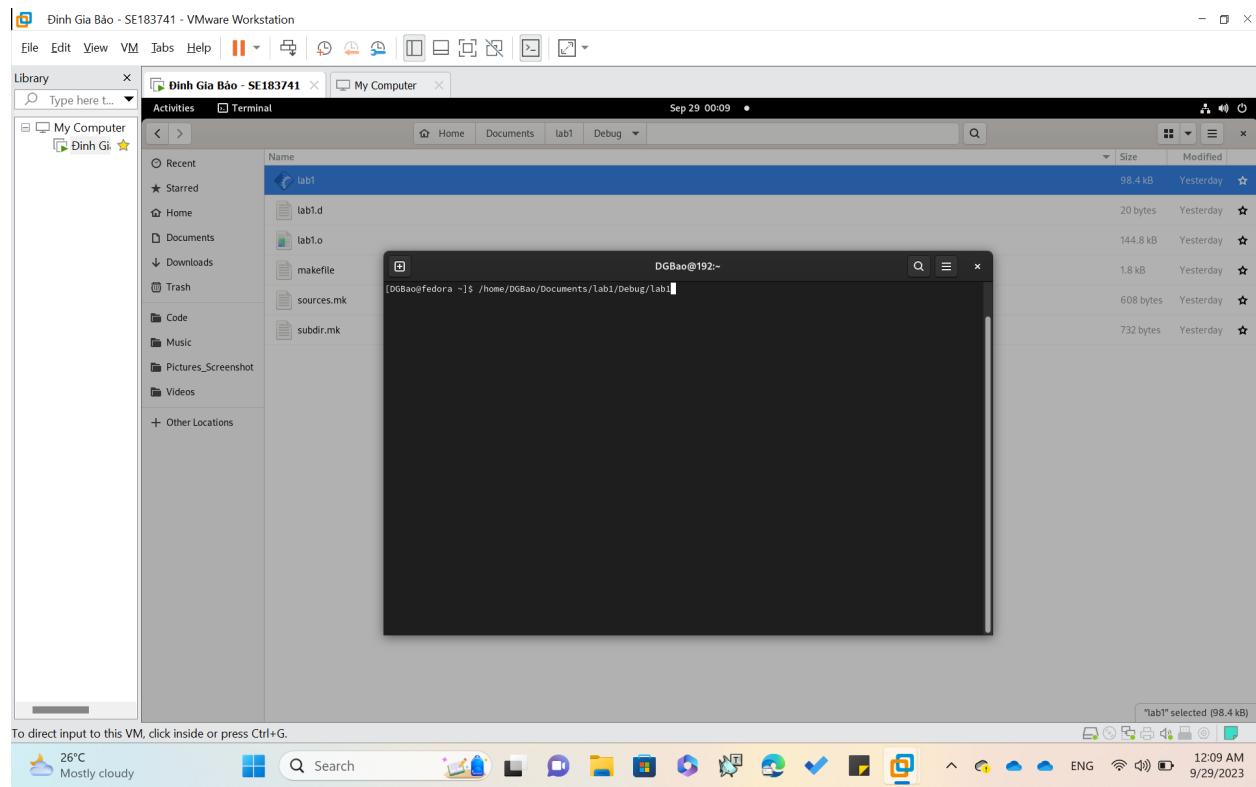
RUN

Why the line 2 is printed (Use OS concepts about processes and multi-threading)

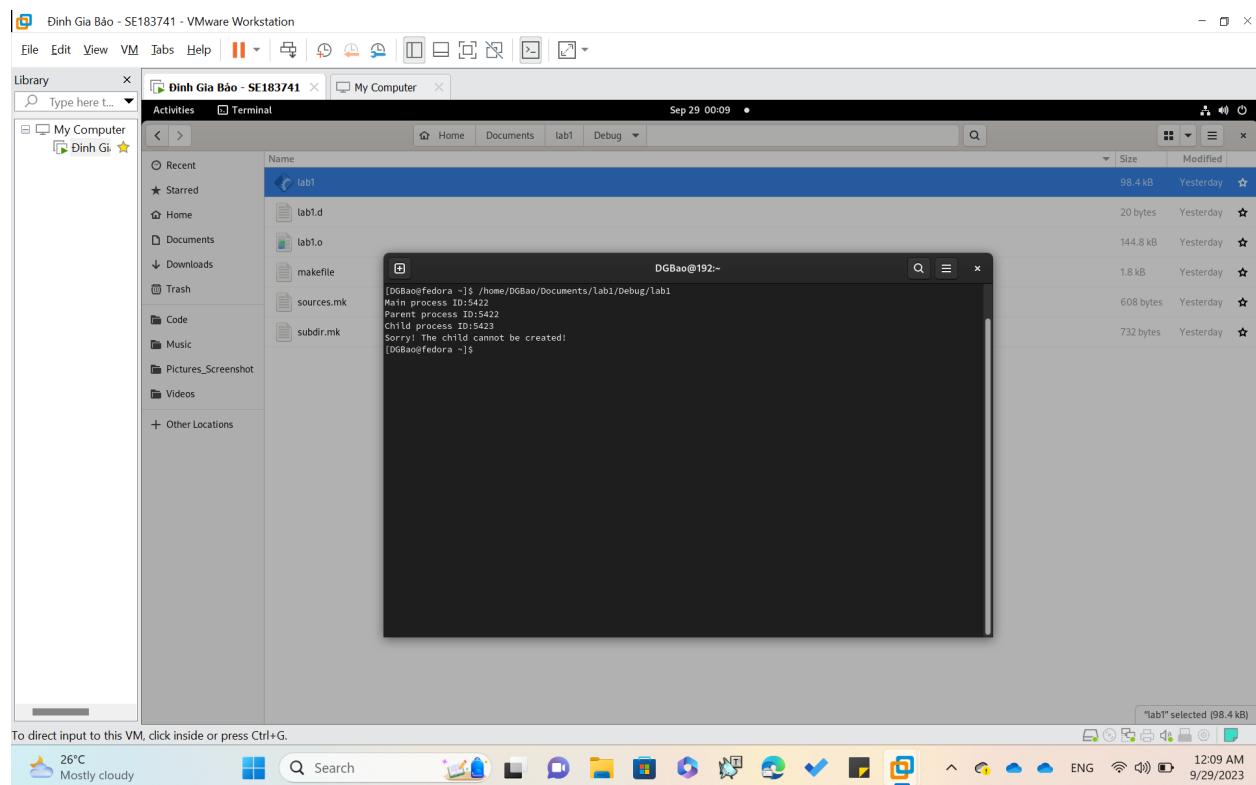
In your code, when the `fork()` function returns a non-zero value, it indicates that the child process could not be spawned. This typically occurs due to system memory limitations or an attempt to create an excessive number of child processes.

Virtual machines (VMs) have the capability to run multiple operating system instances on a single physical computer, which leads to savings in physical space, time, and management expenses. Additionally, VMs provide support for older legacy applications, which can significantly reduce the costs associated with migrating to a new operating system.

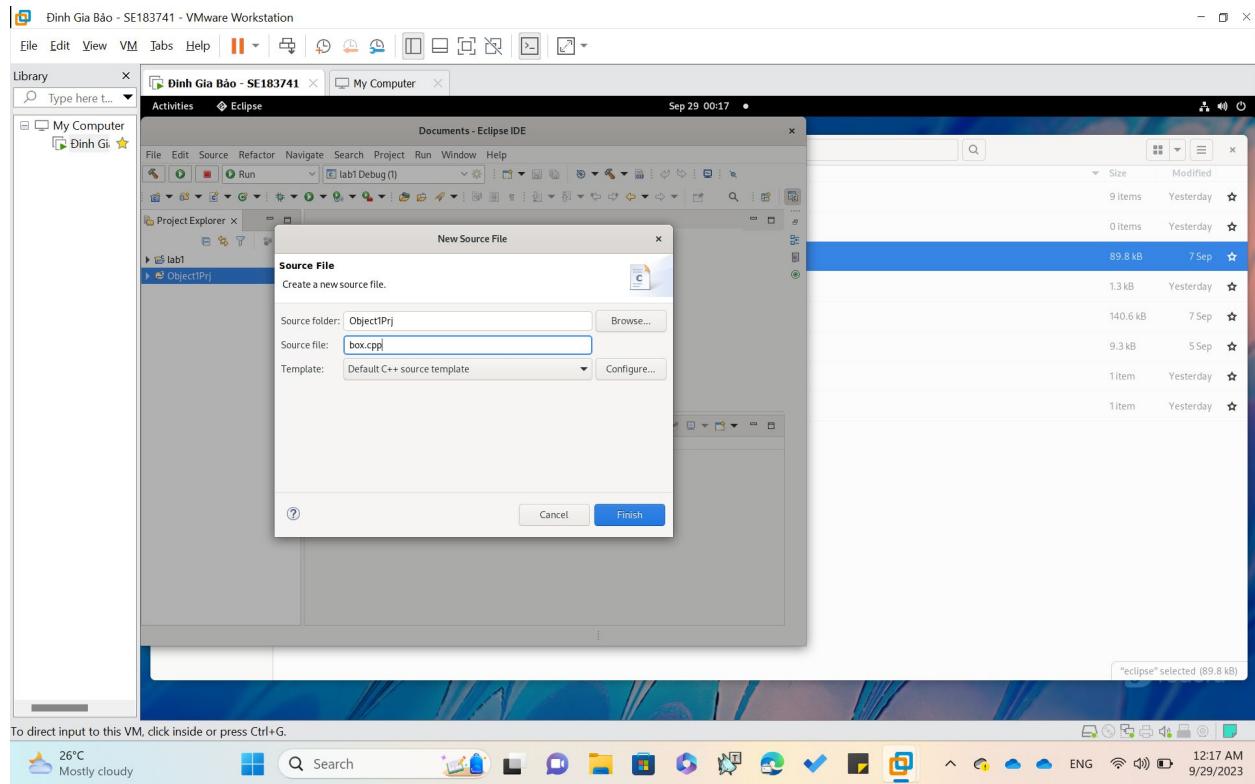
Run program outside the Eclipse

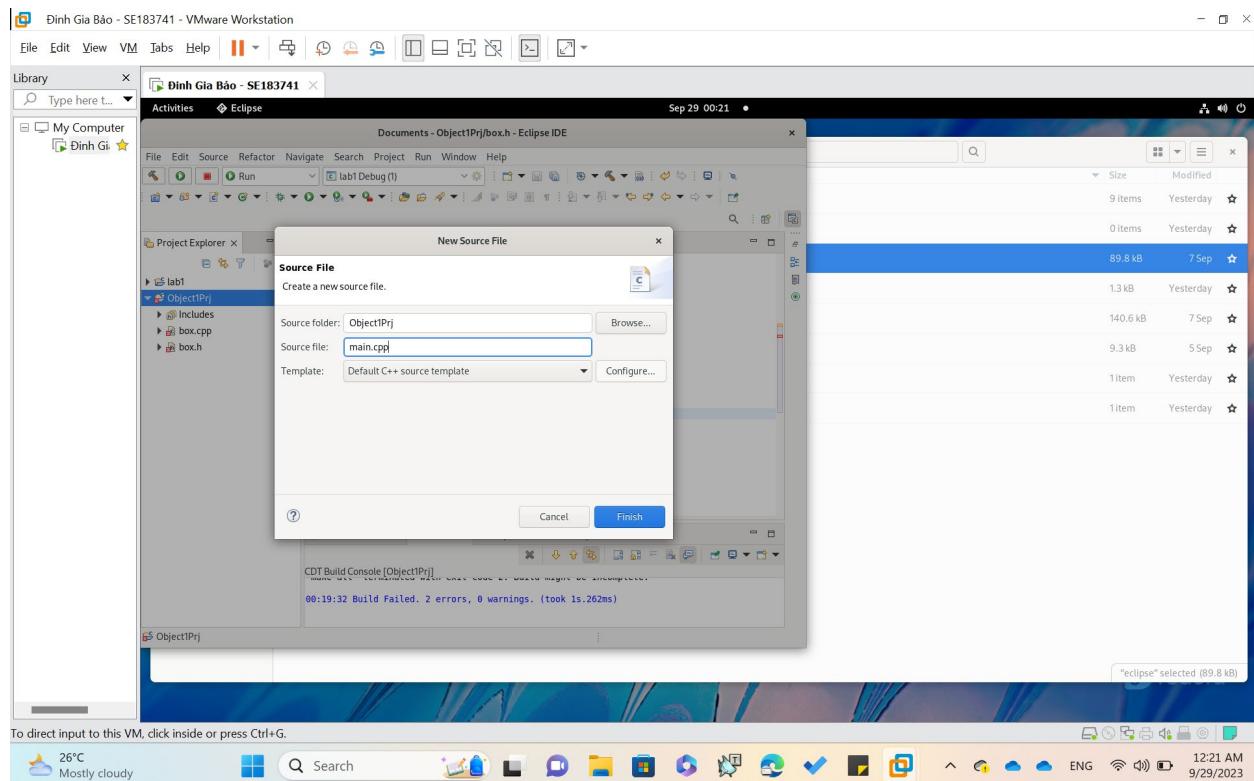
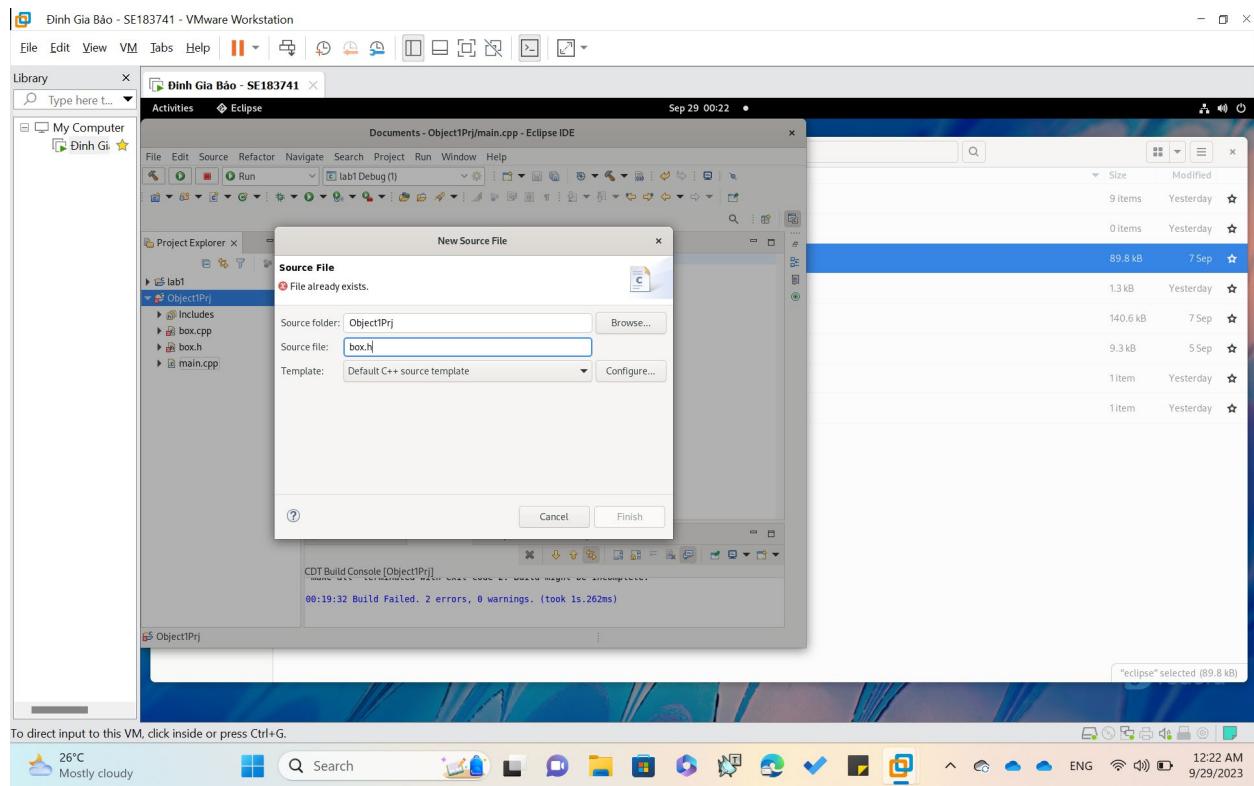


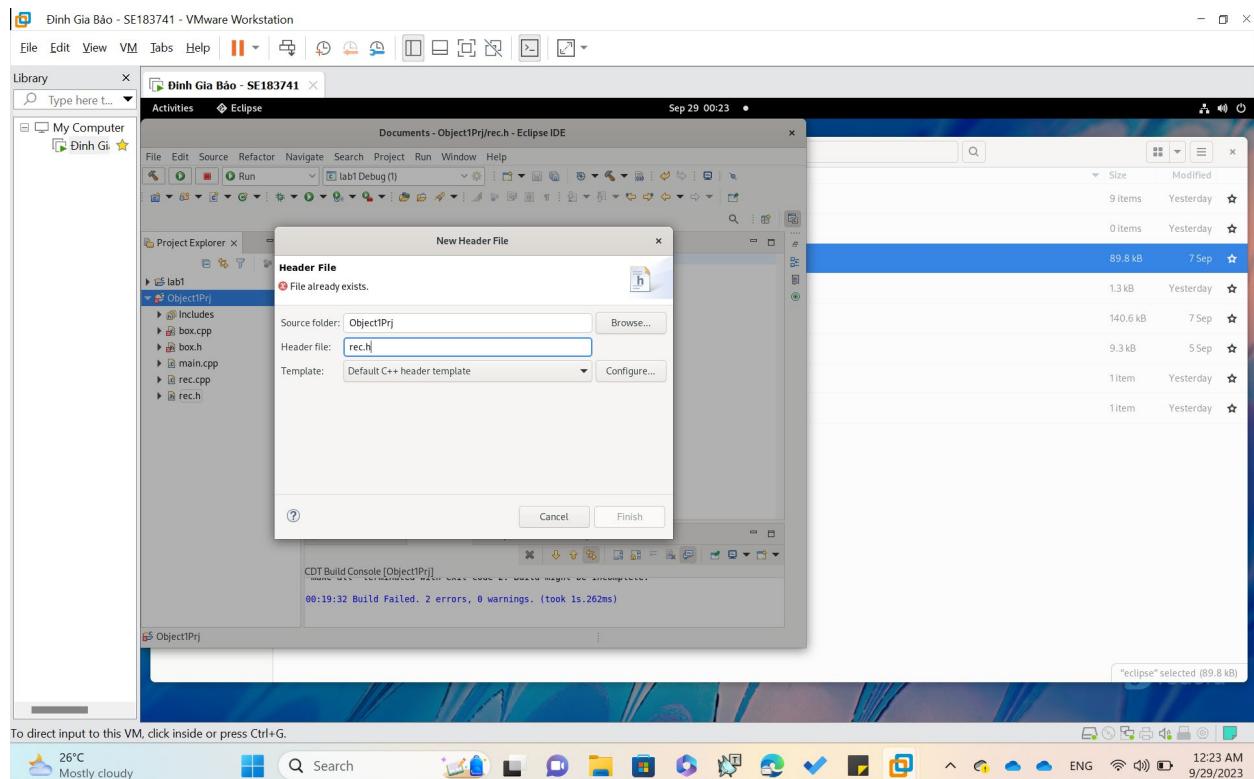
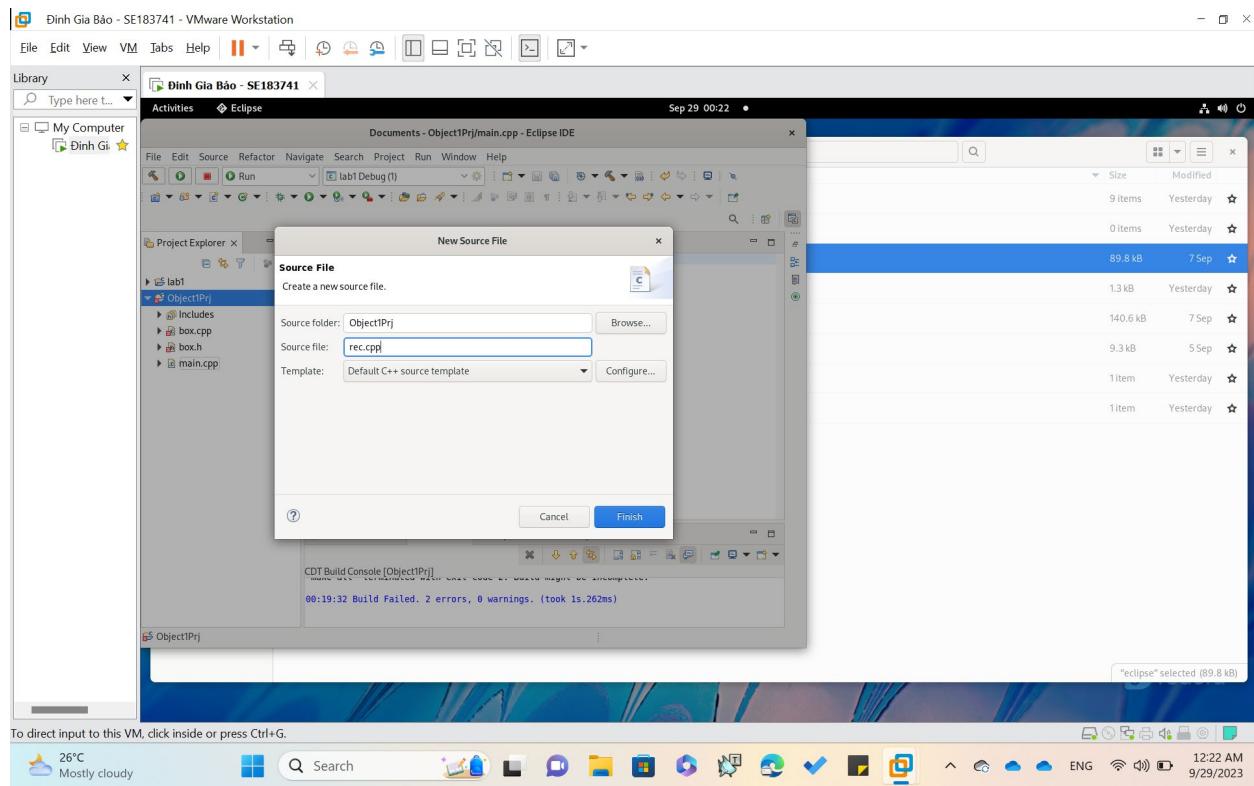
Copy the path of the C project



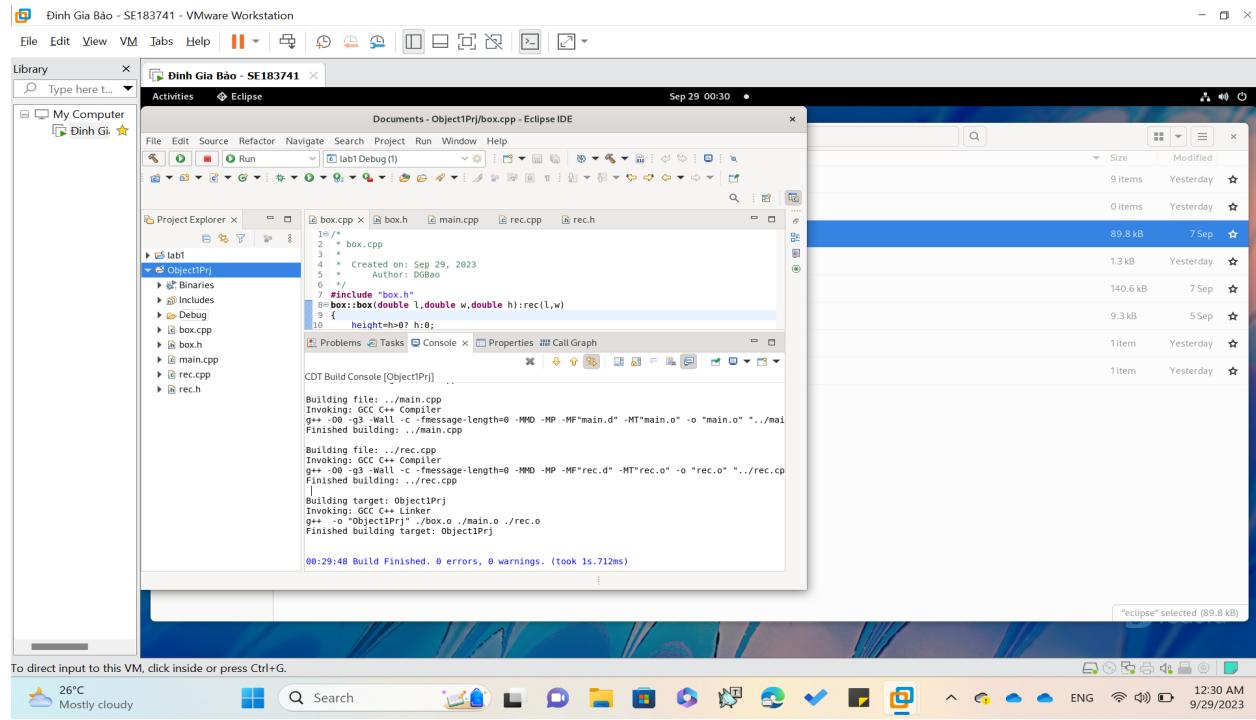
CREATE OBJECT-ORIENTED PROJECT



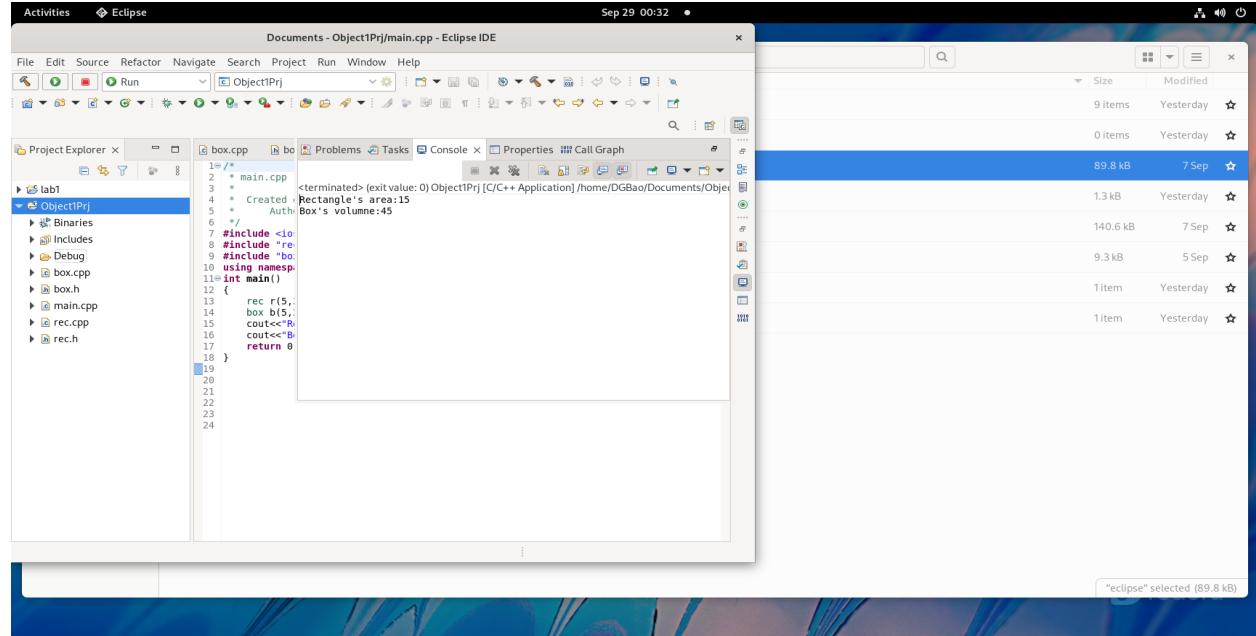




After Create 5 classes like the Guide slide. Clean and Build



Result:



End of Lab01