



Git & Git Classroom

Nội dung



Git basic
Git – GitHub – VS code
Git advanced
- Individual
- Team

A



Git classroom
- Create classroom
- Owner, Admin, Teacher, Teacher Assistant (TA)
- Student roster
- Assignment
- Grading

B

Student work
Git basic
Join class – Do homework – Submit

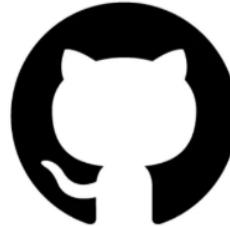
C

Git &



D

Nội dung



A

Git basic

Git – GitHub – VS code

Git advanced

- Individual
- Team



Introduction & Installation

[Introduction to Git in VS Code](#)

[Git - Downloads](#)

A screenshot of the official Git website's "Downloads" page. The page features a large monitor icon displaying the latest source release version 2.51.0 and a "Download for Windows" button. Below the monitor, there are sections for "GUI Clients" and "Logos". On the left sidebar, there are links for "About", "Documentation", "Downloads" (which is currently selected), and "Community". A sidebar at the bottom left promotes the "Pro Git book".

git --distributed-even-if-your-workflow-isnt

Type / to search entire site...

About

Documentation

Downloads

GUI Clients

Logos

Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads

macOS Windows

Linux/Unix

Older releases are available and the [Git source repository](#) is on GitHub.

GUI Clients

Git comes with built-in GUI tools (`git-gui`, `gitk`), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)



GitHub account

[Sign up](#)

 Product ▾ Solutions ▾ Resources ▾ Open Source ▾ Enterprise ▾ Pricing

 Search or jump to...

Sign in

Sign up

Build and ship software on a single, collaborative platform

Join the world's most widely adopted AI-powered developer platform.

Enter your email

Sign up for GitHub

Try GitHub Copilot





GitHub Create Repository

The screenshot shows the GitHub 'Create a new repository' interface. A context menu is open in the top right corner, with three numbered callouts pointing to specific elements:

- Callout 1 points to the 'New repository' option in the context menu.
- Callout 2 points to the 'Import repository' option in the context menu.
- Callout 3 points to the 'vnTranT' part of the 'Owner' field in the General section.

Create a new repository Preview [Switch back to classic experience](#)

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#). Required fields are marked with an asterisk (*).

1 General

Owner * vnTranT / Repository name *

Great repository names are short and memorable. How about [stunning-goggles](#)?

Description

0 / 350 characters

2 Configuration

Choose visibility * Public

Choose who can see and commit to this repository

Start with a template No template

Templates pre-configure your repository with files.

Add README Off

READMEs can be used as longer descriptions. [About READMEs](#)

Add .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

No .gitignore

Add license

Licenses explain how others can use your code. [About licenses](#)

No license

Create repository

<https://github.com/new>



GitHub Create Repository

The screenshot shows a GitHub repository page for 'vnTranTuan/FPOLY-COM108-HelloWorld'. The repository is public and contains one branch ('main') and one commit ('Initial commit' by 'vnTranTuan'). The README file is present but empty. The repository has 0 stars, 0 forks, and 0 watching. It also has no releases or packages published.

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

FPOLY-COM108-HelloWorld Public

main 1 Branch 0 Tags Go to file + Code About

No description, website, or topics provided.

vnTranTuan Initial commit e97badd · 42 minutes ago 1 Commit

README.md Initial commit 42 minutes ago

README

FPOLY-COM108-HelloWorld

Readme Activity 0 stars 0 watching 0 forks

Releases No releases published [Create a new release](#)

Packages No packages published [Publish your first package](#)

© 2025 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information



VS Code **Clone** Hello Project

The screenshot shows the Visual Studio Code interface. A yellow box highlights the 'Clone Git Repository...' option in the 'Start' menu, which is circled with a large orange number '1'. Another yellow box highlights the URL 'https://github.com/vnTranTuan/FPOLY-HelloWorld' in the address bar, which is circled with a large orange number '2'. The interface includes a 'Recent' section, a 'Walkthroughs' section with links like 'Get started with VS Code', and a status bar at the bottom.

1

2

https://github.com/vnTranTuan/FPOLY-HelloWorld

Visual Studio Code
Editing evolved

Start

- New File...
- Open File...
- Open Folder...
- Clone Git Repository...**
- Connect to...
- Generate New Workspace...

Recent

- FPOLY-HelloWorld E:\WorkFolder\2025\HelloProject
- https---github.com-vnTranTuan-FPOLY-COM108-HelloWorld E:\WorkFolder\20...

Walkthroughs

- Get started with VS Code**
Customize your editor, learn the basics, and start coding
- Get Started with C++ Development New
- Learn the Fundamentals
- GitHub Copilot Updated
- Get Started with Python Development Updated

Show welcome page on startup

0 0 △ 0

🔍 ⚙️ ⚡ Go Live ✓ Continue 🔍



VS Code **Clone** Hello Project

The screenshot shows the Visual Studio Code interface with the following details:

- Title Bar:** Displays the search bar with "FPOLY-Helloworld".
- Activity Bar (Left):** Shows icons for File, Find, Open, Save, Copy, Paste, and others.
- Explorer View:** Shows the project structure under "FPOLY-HELLOWORLD": ".vscode", "hello.c" (selected), and "hello.exe".
- Code Editor (Right):** Displays the "hello.c" file content:

```
1 #include<stdio.h>
2
3 int main() {
4     printf("Hello, World!");
5     return 0;
6 }
```
- Bottom Status Bar:** Shows the current branch as "master", 0 changes, 0 warnings, and other status indicators like Git Graph, Spaces: 4, UTF-8, CRLF, and file save status.



Ví dụ - GitHub Create Empty Repository

Đăng nhập vào GitHub

1. Click nút
2. Chọn menu New repository
3. Điền thông tin

Repository name

Ví dụ :

COM108-LAB2-Bai1

Description

Ví dụ :

Môn học COM108, Repository của LAB2, Bài 1

4. Click nút **Create repository**

The screenshot shows the GitHub 'Create a new repository' interface. The 'Repository name' field is filled with 'COM108-LAB2-Bai1' and has a validation message 'COM108-LAB2-Bai1 is available.' Below it, the 'Description' field contains 'Môn học COM108, LAB2, Bài 1'. On the right sidebar, the 'New repository' link is highlighted with a red circle labeled '2'. At the bottom right, the 'Create repository' button is highlighted with a red circle labeled '4'.



Ví dụ - GitHub Create Empty Repository

Trang web của repository đã tạo

1

https://github.com/<user name>/<repository name>

The screenshot shows a GitHub repository page for 'vnTranTuan/COM108-LAB2-Bai1'. A yellow callout box highlights the URL 'https://github.com/vnTranTuan/COM108-LAB2-Bai1' with a red number '1' above it. Below the URL, a red number '2' is next to the heading 'Quick setup — if you've done this kind of thing before'. It provides instructions for setting up the repository on desktop or via command line, including sample Git commands for initializing the repository and adding files.

1

2

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH <https://github.com/vnTranTuan/COM108-LAB2-Bai1.git>

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# COM108-LAB2-Bai1" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git
git branch -M main
git push -u origin main
```



Ví dụ - GitHub Create Empty Repository

LƯU Ý

Quick setup của Empty repository đã tạo

2

Quick setup — if you've done this kind of thing before

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) <https://github.com/vnTranTuan/COM108-LAB2-Bai1.git>

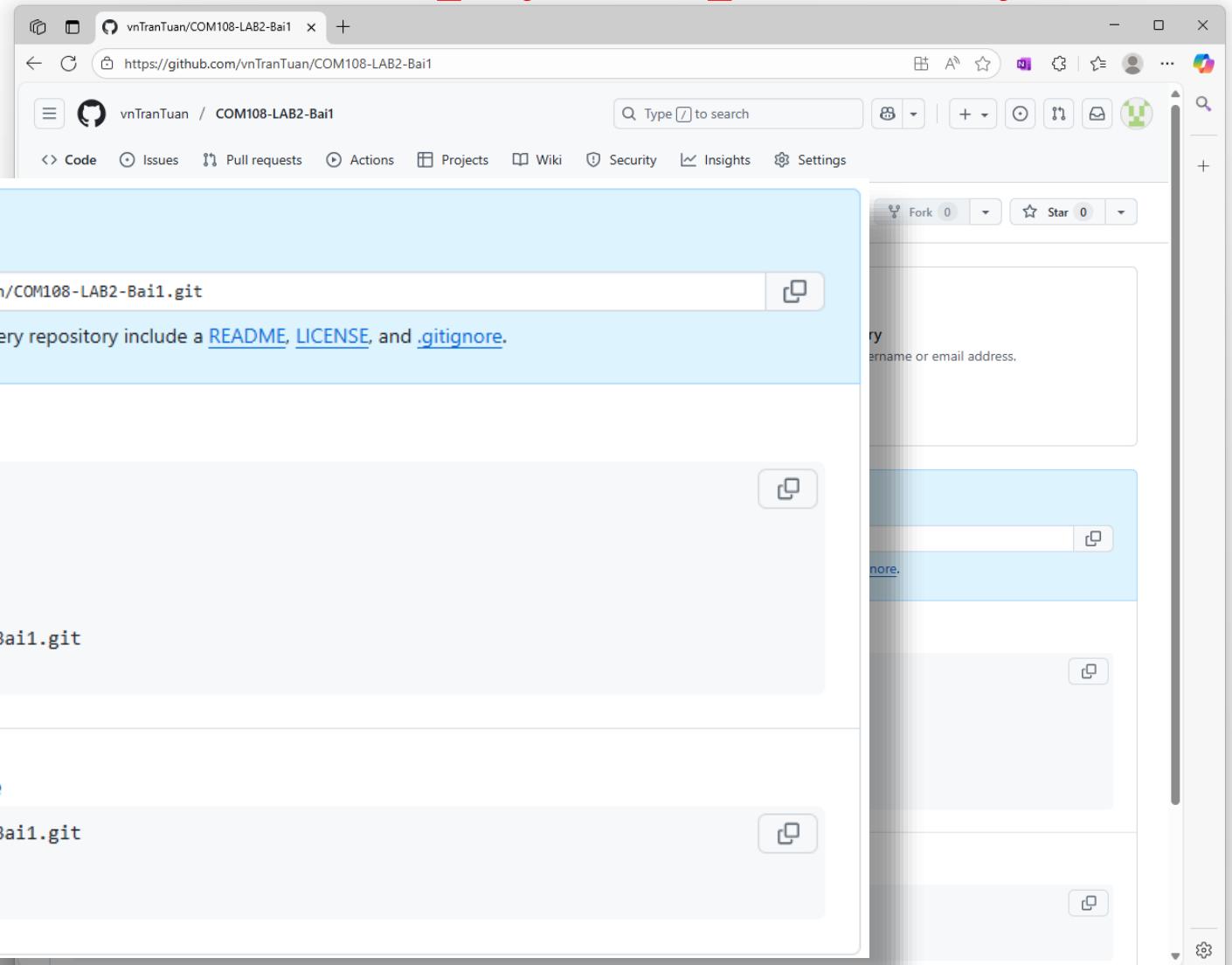
Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# COM108-LAB2-Bai1" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git
git branch -M main
git push -u origin main
```





VS Code - Create Project (*ví dụ LAB2, bài 1*)

The screenshot shows the Visual Studio Code interface with a dark theme. The Explorer sidebar on the left lists a project folder 'LAB2_BAI1' containing 'bai1.c' and 'README.md'. The main editor area displays the 'bai1.c' file, which contains the following C code:

```
#include <stdio.h>
int main() {
    // Chao mung ban den voi FPOLY
    // Mon hoc COM108 - Nhap mon lap trinh
    // LAB2 - bai1
    printf("Hello, FPOLY!\n");
    printf("COM108, LAB2 - bai1\n");
    // Cac lenh nhap vao so A
    // Cac lenh nhap vao so B
    // Cac lenh tinh tong cac so A, va B
    return 0;
}
```

A yellow callout box points to the code with the text "Gợi ý thực hiện / Starter Code". The 'README.md' file in the Explorer sidebar is also visible, containing the following text:

YÊU CẦU

Xây dựng chương trình cộng / trừ (+/-) 2 số

Input : Nhập vào từ bàn phím 2 số

Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

- Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
- Dùng lệnh scanf để nhập từ bàn phím
- Dùng lệnh printf để hiển thị nội dung ra màn hình

A second yellow callout box points to the README file with the text "Yêu cầu và hướng dẫn thực hiện".



VS Code – Git Initialize Repository

The folder currently open doesn't have a Git repository. You can initialize a repository which will enable source control features powered by Git.

Initialize Repository (button 1)

Learn more about how to use Git and source control in VS Code [read our docs](#).

You can directly publish this folder to a GitHub repository. Once published, you'll have access to source control features powered by Git and GitHub.

Publish to GitHub (button 2)

`bai1.c`

```
1 #include <stdio.h>
2
3 int main() {
4     // Chao mung ban den voi FPOLY
5     // Mon hoc COM108 - Nhap mon lap trinh
6     // LAB2 - bai1
7     printf("Hello, FPOLY!\n");
8     printf("COM108, LAB2 - bai1\n");
9
10    // Cac lenh nhap vao so A
11
12
13
14
15    // Cac lenh nhap vao so B
16
17
18
19
20    // Cac lenh tinh tong cac so A, va B
21
22
23
24    return 0;
25 }
26
```

`README.md`

```
1 YÊU CẦU
2 Xây dựng chương trình cộng / trừ (+/-) 2 số
3 Input : Nhập vào từ bàn phím 2 số
4 Output: Hiển thị ra màn hình tổng, hiệu của
2 số
5
6
7 HƯỚNG DẪN THỰC HIỆN
8 1. Khai báo các biến số A, B và các kết quả
Tổng, Hiệu của 2 số
9 2. Dùng lệnh scanf để nhập từ bàn phím
10 3. Dùng lệnh printf để hiển thị nội dung ra
màn hình
11
```

File Explorer

Search

Terminal

Output

Problems

Source Control

File Edit Selection View Go Run ...

LAB2_Bai1

0 0 △ 0

Ln 26, Col 1 Spaces: 4 UTF-8 CRLF {} C ⚙ Go Live Win32 ✓ Continue



VS Code – Git Commit changes

The screenshot shows the Visual Studio Code interface with the following details:

- Source Control Sidebar:** On the left, the "REPOSITORIES" section shows a single repository named "LAB2_Bai1".
 - CHANGES:** A commit dialog is open, titled "LAB2, Bài 1 Hướng dẫn và Starter Code". It contains the message "✓ Commit" and two status indicators: "2" (Changes) and "U" (Untracked).
 - File Status:** Below the commit dialog, the sidebar lists files with their status:
 - "bai1.c": Changes (2)
 - "README.md": Untracked (U)
- Code Editor:** The main editor area displays the "bai1.c" file content, which includes comments in Vietnamese and C code for adding two numbers.
- Right Panel:** The "README.md" file is shown in the right panel, containing the requirements for the lab exercise.



VS Code – Git Commit changes

The screenshot shows the Visual Studio Code interface with a dark theme. On the left, the Source Control sidebar is open, showing a repository named 'LAB2_Bai1' with two staged changes: 'bai1.c' and 'README.md'. A prominent blue button labeled '✓ Commit' is visible. The main editor area displays a C program named 'bai1.c' with the following code:

```
1 #include <stdio.h>
2
3 int main() {
4     // Chao mung ban den voi FPOLY
5     // Mon hoc COM108 - Nhap mon lap trinh
6     // LAB2 - bai1
7     printf("Hello, FPOLY!\n");
8     printf("COM108, LAB2 - bai1\n");
9
10    // Cac lenh nhap vao so A
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25     return 0;
26 }
```

To the right of the code, there is a large block of Vietnamese text describing the assignment. A modal dialog box titled 'Visual Studio Code' is displayed in the center, containing the message: 'There are no staged changes to commit. Would you like to stage all your changes and commit them directly?'. It includes four buttons: 'Yes' (highlighted with a red circle containing the number 5), 'Always', 'Never', and 'Cancel'. The status bar at the bottom shows the file path 'main*' and other status indicators.



VS Code – Git Publish

The screenshot shows the Visual Studio Code interface with the Source Control sidebar open. A 'Quick setup' dialog is displayed, providing options for publishing a repository. The dialog includes links for 'Set up in Desktop' (disabled), 'HTTPS' (selected), and 'SSH', along with a GitHub URL: <https://github.com/vnTranTuan/COM108-LAB2-Bai1.git>. It also suggests creating a new file or uploading an existing one, and recommends including [README](#), [LICENSE](#), and [.gitignore](#).

Quick setup — if you've done this kind of thing before

...or create a new repository on the command line

```
echo "# COM108-LAB2-Bai1" >> README.md  
git init  
git add README.md  
git commit -m "first commit"  
git branch -M main  
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git  
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/vnTranTuan/COM108-LAB2-Bai1.git  
git branch -M main  
git push -u origin main
```

A large orange circle with the number '6' is overlaid on the bottom part of the 'Quick setup' dialog, likely indicating a step in a sequence.



VS Code – Git Publish

The screenshot shows the Visual Studio Code interface with the following details:

- Source Control Sidebar:** Shows a repository named "LAB2_Bai1". A message in the changes section says "Message (Ctrl+Enter to commit on "m...")". A blue button labeled "Publish Branch" is visible.
- Editor:** Displays a C file named "bai1.c" with code related to calculating the sum of two numbers and printing results.
- Terminal:** Shows a command being run: "git branch -M main". This part is highlighted with a yellow circle and the number 6.
- Output:** A powershell terminal window is open in the bottom right corner.
- Bottom Status Bar:** Shows file paths like "E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1\main.c", line numbers (Ln 26, Col 1), and other status information.

Chạy lần lượt các lệnh sau, với <username> đã đăng nhập

```
git branch -M main  
git remote add origin https://github.com/<username>/COM108-LAB2-Bai1.git  
git push -u origin main
```



VS Code Git Publish

The screenshot shows the VS Code interface with the following details:

- SOURCE CONTROL** panel: Shows a repository named "LAB2_Bai1" with a main branch. A commit message is being typed: "LAB2, Bài 1 Hướng dẫn và Starter Code".
- Terminal** panel: Displays the command-line output of a git commit and push operation.

```

File Edit Selection View ... ← → LAB2_Bai1
SOURCE CONTROL ...
REPOSITORIES LAB2_Bai1 main ...
CHANGES Message (Ctrl+Enter to commit...) ✓ Commit ...
PROBLEMS OUTPUT TERMINAL PORTS AZURE ...
GRAPH ...
LAB2, Bài 1 Hướng dẫn v... @main ...
PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1>
PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1>
M108-LAB2-Bai1.git
PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1>
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 762 bytes | 762.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/vnTranTuan/COM108-LAB2-Bai1.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1>
  
```

The screenshot shows a GitHub repository page for "vnTranTuan/COM108-LAB2-Bai1". The repository details are as follows:

- Code**: main branch, 1 Branch, 0 Tags
- Commits**: vnTranTuan LAB2, Bài 1 Hướng dẫn và Starter Code (d6ae08a · 12 minutes ago)
- Files**: README.md, bai1.c
- README** content:

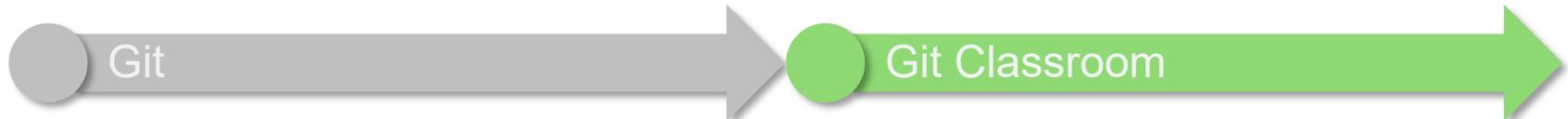
YÊU CẦU Xây dựng chương trình cộng / trừ (+/-) 2 số Input : Nhập vào từ bàn phím 2 số Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

 - Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
 - Dùng lệnh scanf để nhập từ bàn phím
 - Dùng lệnh printf để hiển thị nội dung ra màn hình
- About**: Môn học COM108, Repository của LAB2, bài 1
- Activity**: 0 stars, 0 watching, 0 forks
- Releases**

A yellow callout box highlights the README content with the text: "Nội dung LAB2, Bài 1 đã được Publish thành công trên website GitHub".

Tóm tắt



- ✓ 1. Cài đặt Git, và
 - ✓ 2. **Sign up / Đăng ký**
GitHub account
 - ✓ 3. **Clone repository:** download
nội dung từ một GitHub Repository
 - ✓ 4. **Create repository / Tạo**
một Empty GitHub Repository
 - ✓ 5. **Publish repository / upload**
nội dung lên GitHub Repository
- Create classroom (Tạo lớp)
 - Create assignment, starter code

BẤM VÀO ĐÂY
ĐỂ CHUYỂN ĐỀN NỘI DUNG
GIT CLASSROOM



B



Git classroom

- Create classroom
- Owner, Admin, Teacher, Teacher Assistant (TA)
- Student roster
- Assignment
- Grading

Các trang tiếp theo
tóm tắt cách thực hiện
những thao tác Git cơ bản
với

NetBeans IDE

IntelliJ IDE

Eclipse IDE

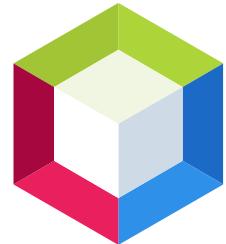


NetBeans IDE C/C++ Programming

The screenshot shows the Apache NetBeans IDE 12.4 interface. On the left is the 'Start Page' with a 'Learn & Discover' sidebar containing links like 'Take a Tour', 'Try a Sample Project', 'What's New', and 'Community Corner'. In the center is an 'About' dialog box displaying the Apache NetBeans logo and version information. A yellow callout bubble points to the Java version in the dialog. At the bottom, a white box contains detailed system and user configuration information.

Apache NetBeans IDE 12.4
Java: 11
Windows 11

Product Version: Apache NetBeans IDE 12.4
Updates: [Updates available](#) to version [NetBeans 8.2 Patch 2](#)
Java: 11.0.27; Java HotSpot(TM) 64-Bit Server VM 11.0.27+8-LTS-232
Runtime: Java(TM) SE Runtime Environment 11.0.27+8-LTS-232
System: Windows 11 version 10.0 running on amd64; UTF-8; en_US (nb)
User directory: C:\Users\TuanTA\AppData\Roaming\NetBeans\12.4
Cache directory: C:\Users\TuanTA\AppData\Local\NetBeans\Cache\12.4



NetBeans IDE C/C++ Programming

The screenshot shows the Apache NetBeans IDE 12.4 interface. On the left, the main window displays the "Learn & Discover" section with the NetBeans logo. A yellow callout bubble with a black border and a yellow arrow points from the text "Install Plugin C/C++" towards the Plugins dialog. The Plugins dialog is open, showing the "Installed (12)" tab. A table lists installed plugins, with the "C/C++" plugin selected and highlighted in blue. To the right of the table, a detailed view of the "C/C++" plugin is shown, including its version (1.3), source (Apache NetBeans IDE 12.4), plugin description (CPPLite Kit), and module installed (CPPLite Kit). At the bottom of the Plugins dialog, there are buttons for "Activate", "Deactivate", and "Uninstall".

Install Plugin
C/C++

Select	Name	Category	Active
<input type="checkbox"/>	HTML5	Features	...
<input type="checkbox"/>	User Installed Plugins	Features	✓
<input type="checkbox"/>	Java SE	Features	...
<input type="checkbox"/>	Tools	Features	...
<input type="checkbox"/>	PHP	Features	...
<input type="checkbox"/>	JavaFX 2	Features	...
<input type="checkbox"/>	Groovy	Features	...
<input type="checkbox"/>	Java Web and EE	Features	...
<input type="checkbox"/>	Developing NetBeans	Features	...
<input type="checkbox"/>	C/C++	Features	...
<input type="checkbox"/>	Service Registry	Features	...
<input type="checkbox"/>	Base IDE	Features	...

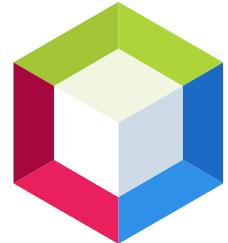
C/C++
Version: 1.3
Source: Apache NetBeans IDE 12.4

Plugin Description
CPPLite Kit
A temporary lightweight C/C++ support. The editing features require ccls to be installed.

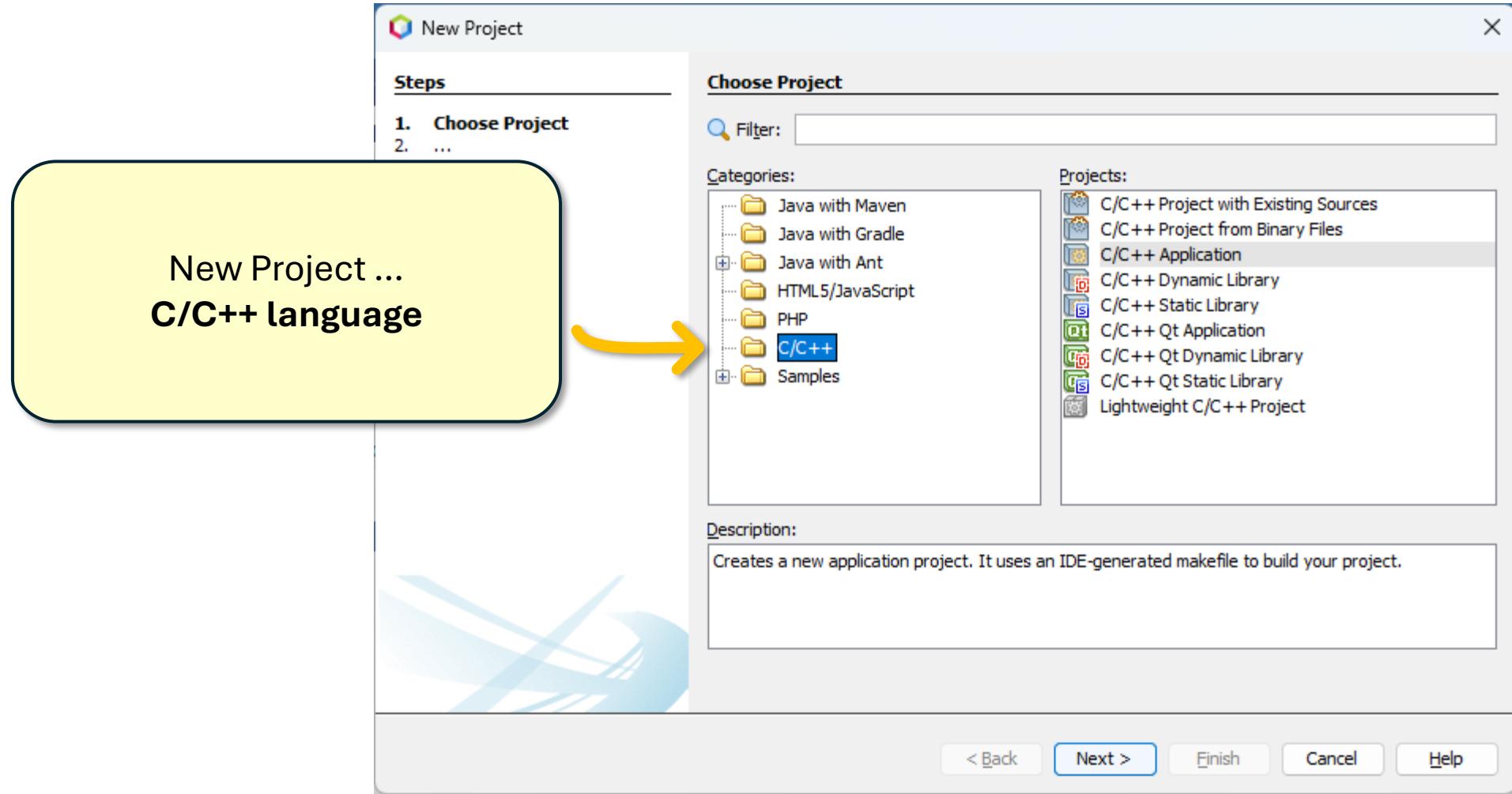
Module installed:
CPPLite Kit

Activate Deactivate Uninstall

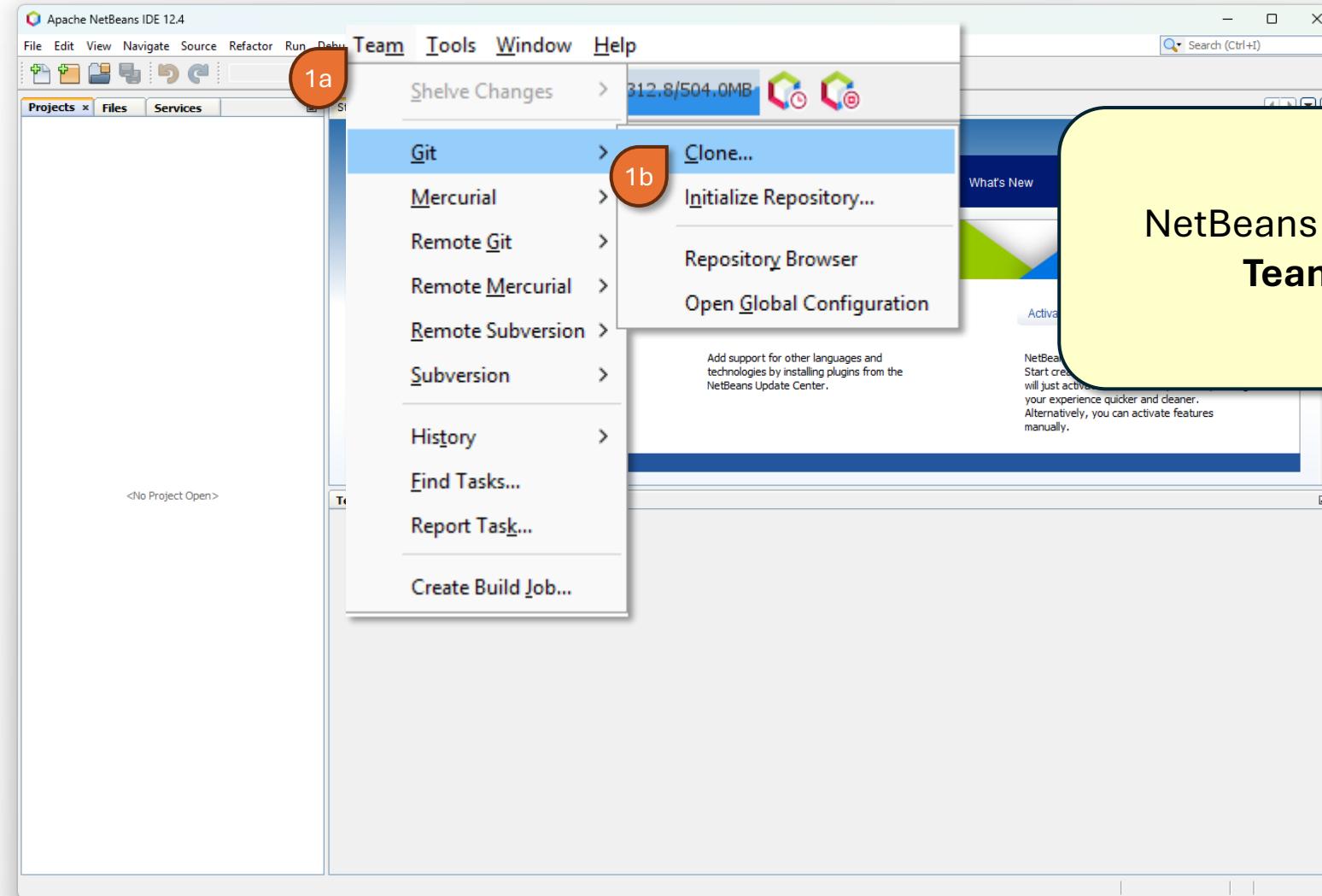
Close Help



NetBeans IDE C/C++ Programming

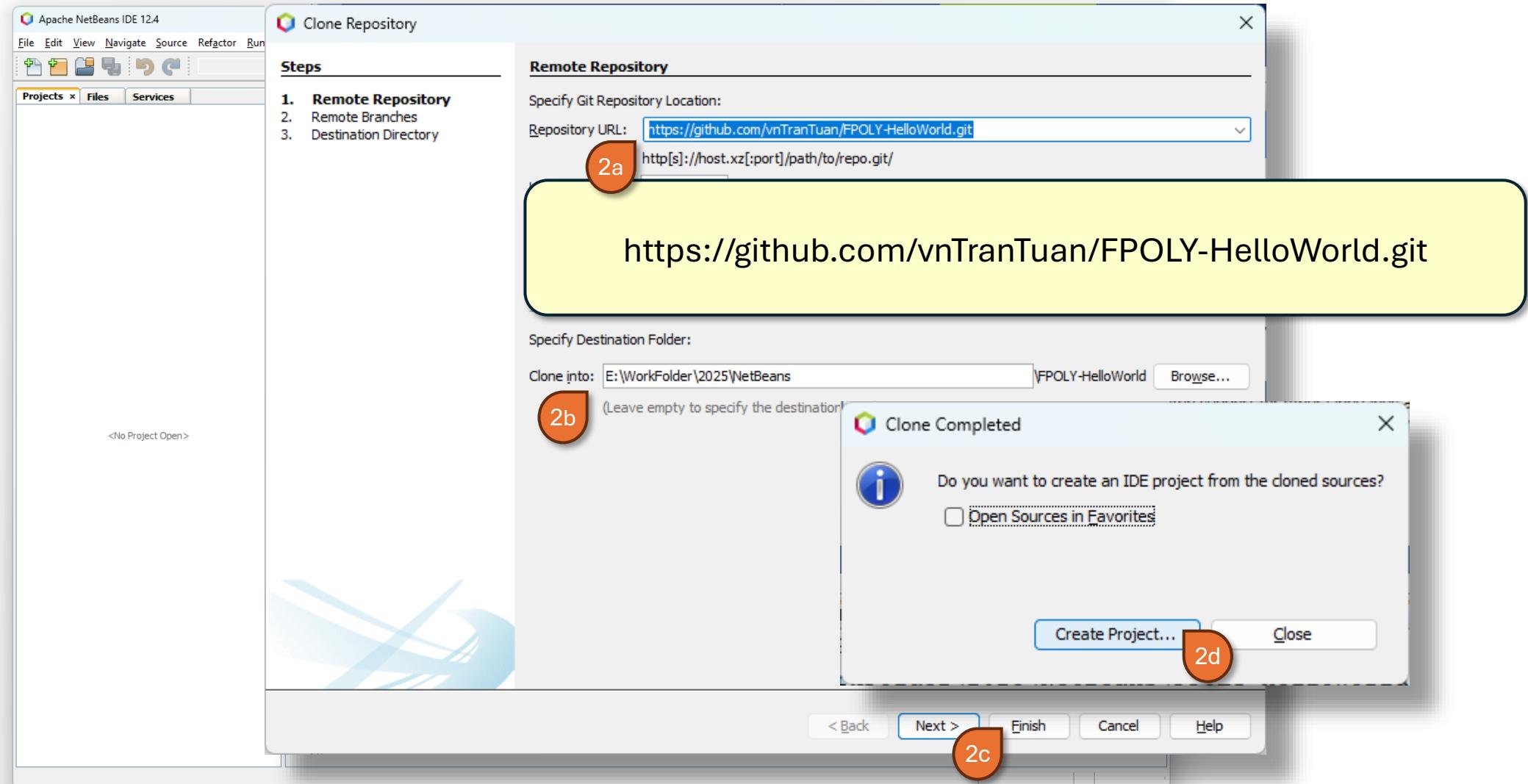


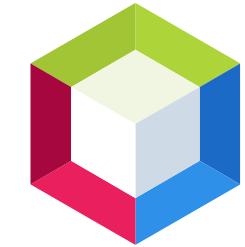
NetBeans **Clone** Hello Project



NetBeans application, và chọn ...
Team \ Git \ Clone ...

NetBeans Clone Hello Project





NetBeans Clone Hello Project

The screenshot shows the Apache NetBeans IDE 12.4 interface. The title bar reads "FPOLY-HelloWorld - Apache NetBeans IDE 12.4". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has various icons for file operations. The Projects tab in the left sidebar shows a project named "FPOLY-HelloWorld" with subfolders ".vscode", "hello.c", and "hello.exe". The Files tab shows "Important Files". The main editor window displays the "hello.c" file content:

```
#include<stdio.h>
int main() {
    printf("Hello, World!\n");
    printf("Hello, COM108 FPOLY");
    return 0;
}
```

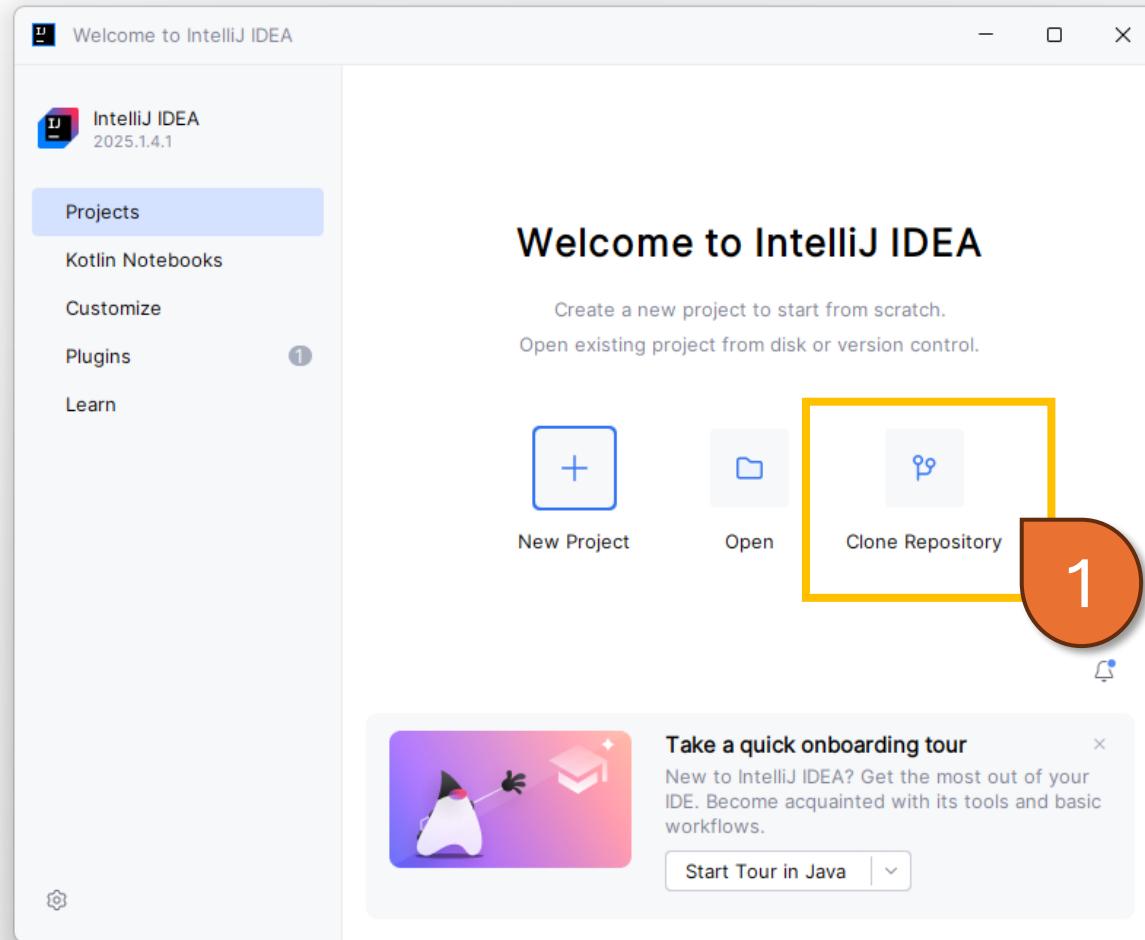
The Output tab at the bottom shows the results of running the program:

```
Hello, World!
Hello, COM108 FPOLY
RUN SUCCESSFUL (total time: 57ms)
```

Project **đã clone**
và kết quả chạy chương trình
với NetBeans IDE

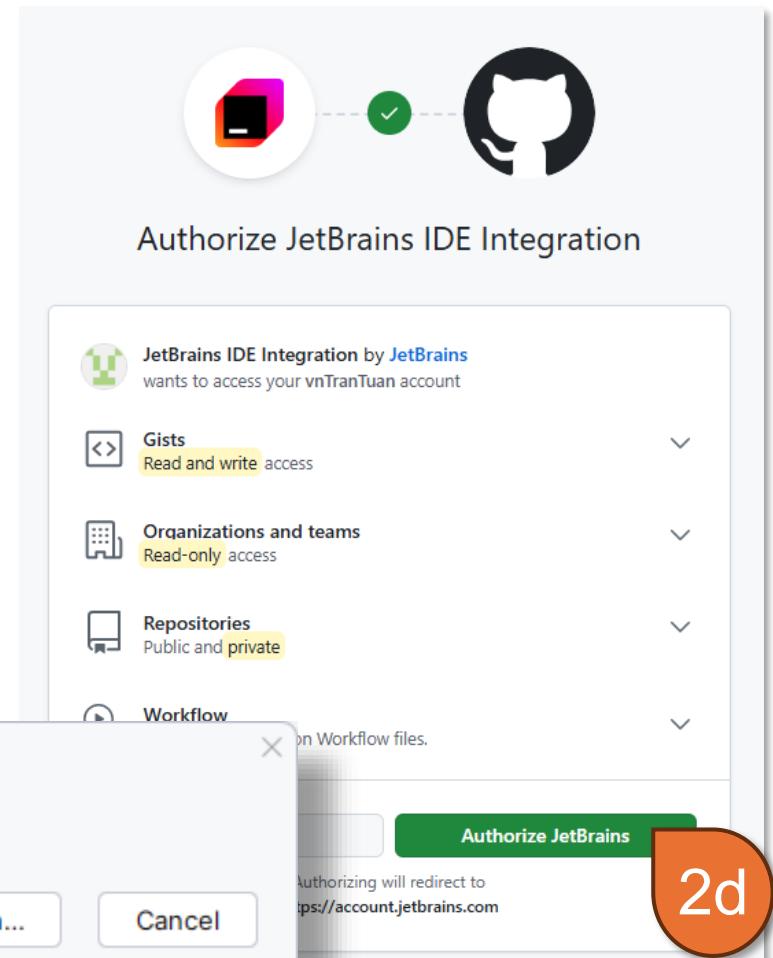
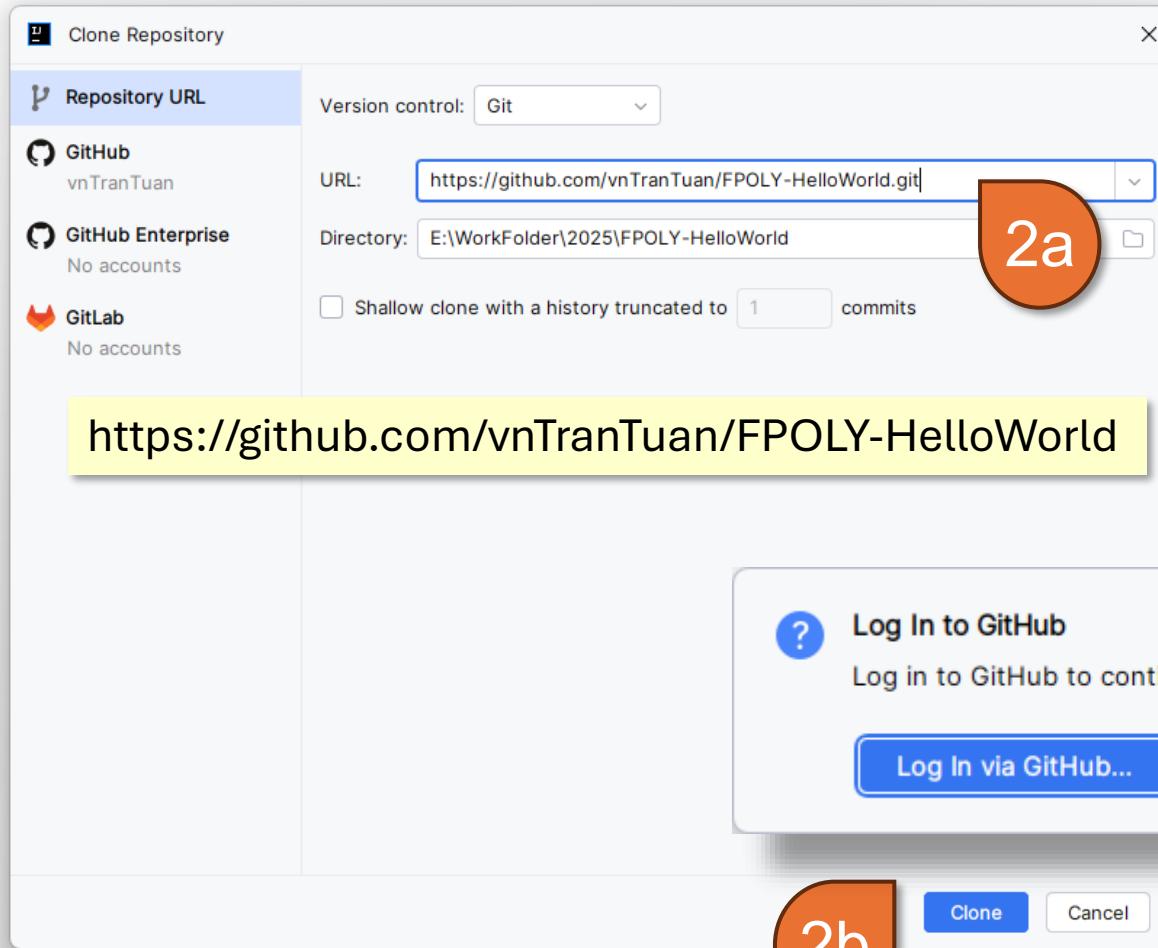


IntelliJ **Clone** Hello Project





IntelliJ **Clone** Hello Project





IntelliJ **Clone** Hello Project

The screenshot shows the IntelliJ IDEA interface with a cloned 'Hello World' project. The project structure on the left includes a .vscode folder and an External Libraries section. The main editor window displays the 'hello.c' file with the following code:

```
#include<stdio.h>
int main() {
    printf("Hello, World!");
    return 0;
}
```

The output window at the bottom shows the compilation and execution process:

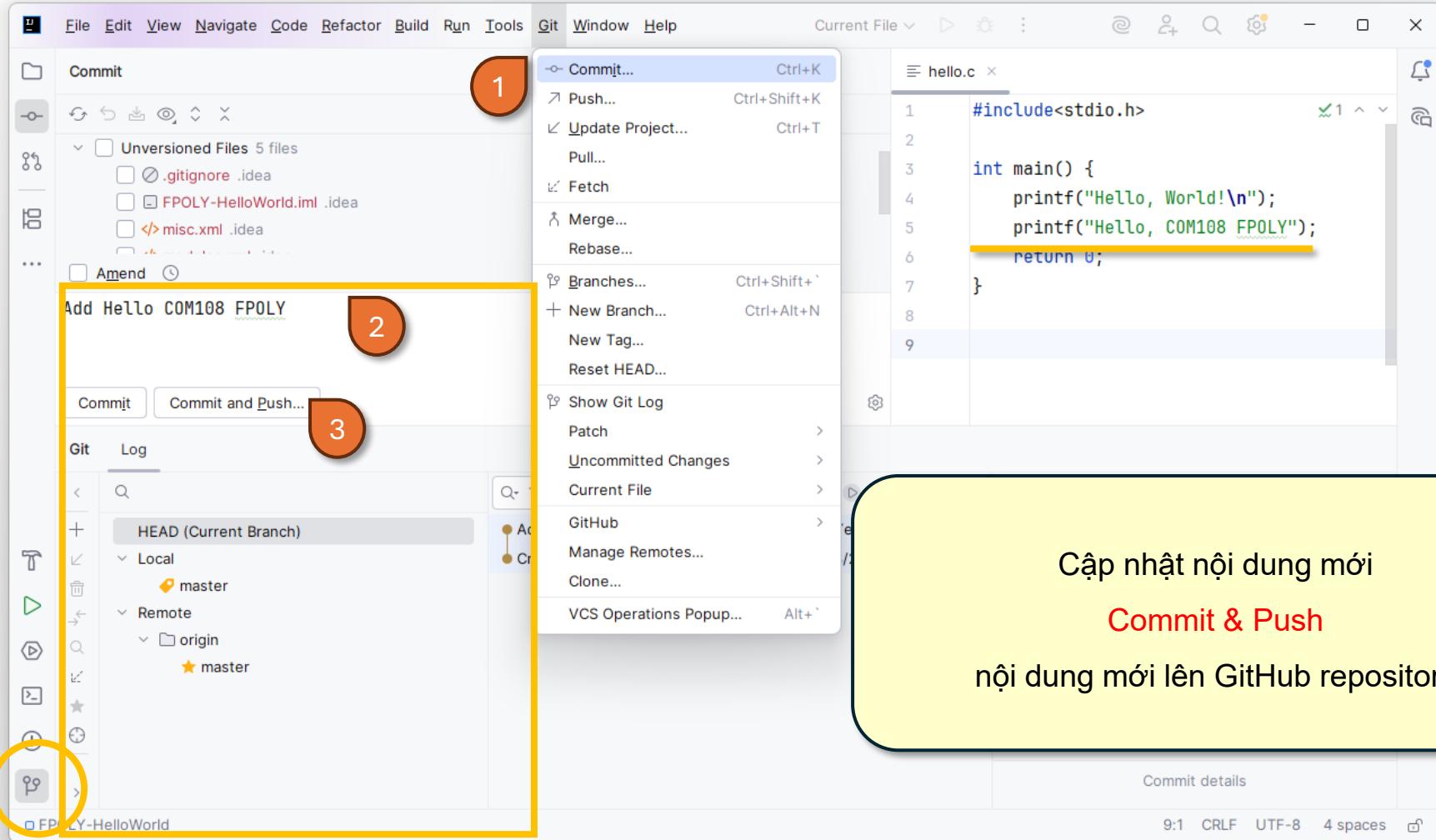
```
% gcc hello.c -o hello.exe
Compilation complete with exit code 0
Compilation succeeded.
Saved compiled executable as E:/WorkFolder/2025/FPOLY-HelloWorld/hello.exe

% E:/WorkFolder/2025/FPOLY-HelloWorld/hello.exe
Hello, World!
Program finished with exit code: 0
```

A yellow callout box on the right contains the text: "Project **đã clone** và kết quả chạy chương trình với IntelliJ IDE".



IntelliJ Commit & Push changes





Eclipse C/C++ programming

The screenshot shows the Eclipse Installer interface with a sidebar on the left and a main content area on the right. The sidebar contains icons for Java, Enterprise Java, C/C++, Embedded C/C++, PHP, Eclipse Committers, and Java/DSL. The main content area lists several Eclipse IDE variants:

- Eclipse IDE for Java Developers**: The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Maven and Gradle integration.
- Eclipse IDE for Enterprise Java and Web Developers**: Tools for developers working with Java and Web applications, including a Java IDE, tools for JavaScript, TypeScript, JavaServer Pages and Faces, YAML, Markdown, Web Services, JPA and Data Tools, Maven and Gradle, Git, and more.
- Eclipse IDE for C/C++ Developers**: An IDE for C/C++ developers.
- Eclipse IDE for Embedded C/C++ Developers**: An IDE for Embedded C/C++ developers. It includes managed cross build plug-ins (Arm and RISC-V) and debug plug-ins (SEGGER J-Link, OpenOCD, pyocd, and QEMU), plus a number of templates to create ready to run blinky projects.
- Eclipse IDE for PHP Developers**: The essential tools for any PHP developer, including PHP language support, Git client and editors for JavaScript, TypeScript, HTML, CSS and more. Click here to raise an issue with Eclipse PHP Development Tools. Click here to raise an issue with the Eclipse Web Tools Platform. Maintainers will move opened issues to...
- Eclipse IDE for Eclipse Committers**: Package suited for development of Eclipse itself at Eclipse.org; based on the Eclipse Platform adding PDE, Git, Marketplace Client, source code management, and developer documentation.
- Eclipse IDE for Java and DSL Developers**: The essential tools for Java and DSL developers, including a Java Xtend IDE, a DSL Framework (Xtext), a Git client, XML Editor, and Maven integration.

Sử dụng Eclipse installer

Eclipse IDE for C/C++ developers



Eclipse **Clone** Hello Project (C/C++)

The screenshot shows the Eclipse IDE interface. On the left, the 'Git Repositories' view is open, displaying options to 'Add an existing local Git repository', 'Clone a Git repository', and 'Create a new local Git repository'. A message in the view states: 'Could not create the view: org.eclipse.jdt.ui.PackageExplorer'. In the center, the 'Clone Git Repository' dialog is displayed. It has two tabs: 'Source Git Repository' (selected) and 'Destination Git Repository'. The 'Source Git Repository' tab contains fields for 'Location': 'URI: github.com/vnTranTuan/FPOLY-HelloWorld.git', 'Host: github.com', and 'Repository path: /vnTranTuan/FPOLY-HelloWorld.git'. Below these are 'Connection' settings for 'Protocol: https' and 'Port:'. Under 'Authentication', there is a 'User: vnTranTuan' field and a 'Password:' field containing masked text. A checkbox 'Store in Secure Store' is also present. A large yellow callout box points to the 'Password:' field with the following text:
Authentication Password
là PAT – personal access token (classic)
được tạo tại mục Developer Settings



Eclipse **Clone** Hello Project (C/C++)

The screenshot shows the Eclipse IDE interface with two open dialog boxes for cloning a Git repository.

Left Dialog: Branch Selection

- Header: "Clone Git Repository" with a GIT icon.
- Message: "Could not create the view org.eclipse.jdt.ui.PackageExplorer".
- Section: "Branch Selection".
 - Text: "Select branches to clone from remote repository. Remote tracking branches will be created to track updates for these branches in the remote repository."
 - Table:

Branch	Status
master	<input checked="" type="checkbox"/>
 - Buttons: "Select All" and "Deselect All".
 - Section: "Tag fetching strategy".
 - When fetching a commit, also fetch its tags
 - Fetch all tags and their commits
 - Don't fetch any tags
- Footer: Buttons: "?", "< Back", "Next >", "Finish", "Cancel".

Right Dialog: Local Destination

- Header: "Clone Git Repository" with a GIT icon.
- Section: "Local Destination".
 - Text: "Configure the local storage location for FPOLY-HelloWorld."
 - Section: "Destination".
 - Text: "Directory: E:\WorkFolder\2025\Eclipse\FPOLY-HelloWorld" with a "Browse" button.
 - Text: "Initial branch: master"
 - Checkboxes: "Clone submodules" (unchecked).
 - Section: "Configuration".
 - Text: "Remote name: origin"
 - Section: "Projects".
 - Checkboxes: "Import all existing Eclipse projects after clone finishes" (unchecked).
 - Section: "Working sets".
 - Checkboxes: "Add project to working sets" (unchecked).
 - Buttons: "New...", "Select..."
 - Text: "Working sets: [list box]" with "0 items".
- Footer: Buttons: "?", "< Back", "Next >", "Finish", "Cancel".



Eclipse **Clone** Hello Project (C/C++)

The screenshot shows the Eclipse IDE interface with a C/C++ project named "LAB2_b1". The "main.c" file contains the following code:

```
1 #include<stdio.h>
2
3 int main() {
4     printf("Hello, World!\n");
5     printf("Hello, COM108 FPOLY");
6     return 0;
7 }
8
9 
```

The "Console" view shows the output of the program:

```
<terminated> (exit value: 0) LAB2_b1 Debug [C/C++ Application]
Hello, World!
Hello, COM108 FPOLY
```

A yellow callout bubble on the right side of the screen contains the text:

Project **đã clone**
và kết quả chạy chương trình
với Eclipse IDE

Nội dung



B

Git classroom

- Create classroom
- Owner, Admin, Teacher, Teacher Assistant (TA)
- Student roster
- Assignment
- Grading



Setup Git Organization



Before setting up GitHub Classroom, you'll need an authorized organization in your GitHub account.

GitHub Classroom uses organization accounts to manage permissions, administration, and security for classrooms.



Need an organization?

Create a free Team for Open Source organization account. Then you'll need to grant access to Classroom by following the next step.

[Create an organization](#)



Already have an organization?

Grant access to the organization you'd like to use, then come back here. Just click the "Grant" button on the lower right on the settings page.

[Go grant access](#)



Create Git Classroom

Danh sách các Classroom lưu tại địa chỉ

<https://classroom.github.com/classrooms>

The screenshot shows a web browser window titled "Your Classrooms" with the URL <https://classroom.github.com/classrooms>. The page displays a list of classrooms. At the top right, there are buttons for "View: Active" and "Sort by: Newest first", and a green button labeled "+ New classroom". Below these are two classroom entries:

- COM108-UDPM-classroom-class-SU25-01**
COM108-UDPM
 - LAB2
 - Starter assignment



Create Git Classroom



The screenshot shows a web browser window titled "New Classroom: Name Your Classroom". The URL in the address bar is <https://classroom.github.com/classrooms/227212486-com108-udpm-classroom-8decf9/setup>. The page has a dark header with the GitHub Classroom logo and "GitHub Education". The main content area is titled "New Classroom" with the sub-instruction "Name your Classroom". A text input field is labeled "Classroom name" and contains the value "COM108-UDPM-class-SU25-03". Below the input field is a note: "Using your course name and section can help students identify your classroom." At the bottom right is a green button labeled "Create classroom".



Student roster

Danh sách định danh sinh viên
Mỗi định danh viết trên từng dòng

Ví dụ định danh : có thể là

- Mã sinh viên
hoặc
- Email sinh viên

Tính năng bổ sung

- Đồng bộ từ Google classroom
- Upload từ file CSV / TXT

The screenshot shows the GitHub Classroom interface for managing a student roster. The main page displays a list of students from a Classroom roster, including TuanAPC (@TranTuanAPC) and TuanTA71 (@TUANTA71). Below this, there's a 'Danger zone' warning about deleting the roster. A modal window titled 'Add students to your roster' is open, showing options to import students from Google Classroom or create the roster manually. The manual entry field contains 'Tuan APC' and 'TuanTA71'. Buttons for 'Upload a CSV or text file' and 'Add students' are visible.



Assignments (các bài Lab / Assignment)

Tạo / New Assignment
Giảng viên tạo Assignment

+ New assignment

The screenshot shows the GitHub Classroom dashboard for the class 'COM108-UDPM-classroom-class-SU25-01'. The 'Assignments' tab is selected, indicated by a red circle with the number 1. A green button labeled '+ New assignment' is located at the top right of the assignments section. Below the assignments, there is a blue banner with the text 'Get verified to get Codespaces Education benefit.' and a 'Get verified' button. The 'Starter assignment' is listed as an active individual assignment. A callout box with a black border and yellow background contains the text: 'GitHub classroom có sẵn một assignment mẫu, gọi là **Starter Assignment**'.

Assignments (các bài Lab / Assignment)



+ New assignment

1 Nhập tên bài Assignment

2 Thời hạn thực hiện

Deadline

mm/dd/yyyy --::--

August 2025 ▾ ↑ ↓

	11	00	PM			
Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

12 01 AM

01 02

02 03

03 04

04 05

05 06

Clear Today

3 Individual or group assignment

Individual assignment

Individual assignment

Group assignment

Let's set up the basics for your assignment.

Assignment creation steps

- 1 Assignment basics
- 2 Starter code and environment
- 3 Grading and feedback
- 4 Deadline

Assignment title * LAB2. Bai 1

Student assignment repositories will have the prefix: lab2-bai-1

Deadline mm/dd/yyyy --::--

(Optional) If left blank, there will be no deadline. Date format: 12/31/2022, 11:59 PM

Individual or group assignment Individual assignment

Cancel Continue

Assignments (các bài Lab / Assignment)



+ New assignment

Starter code and environment

- 5 Tìm và chọn repository
Ví dụ
COM108-LAB2-Bai1

- 6 Continue

Add your starter code and choose an optional online IDE.

Assignment creation steps

- ✓ Assignment basics
- Starter code and environment**
- Grading and feedback

Add a repository to give students starter code

Your assignment will be created with empty student repositories if you don't add starter code.

The starter code repository must be a template; a copy will be created in your organization.

Accepted assignments will be forks of the copy created in your organization. If you make changes to the copy created in your organization, you can press the "Sync assignments" button on the assignment dashboard to open Pull Requests in all student assignment repositories with the changes.

Find a GitHub repository

Q COM108-LAB2

vnTranTuan/COM108-LAB2-Bai1
Môn học COM108, Repository của LAB2, bài 1

vnTranTuan/COM108-LAB2-Bai1-DAP-AN
Môn học COM108, LAB2, Bài 1

Find a GitHub repository

Q COM108-LAB2

vnTranTuan/COM108-LAB2-Bai1
Môn học COM108, Repository của LAB2, bài 1

vnTranTuan/COM108-LAB2-Bai1-DAP-AN
Môn học COM108, LAB2, Bài 1

GitHub repository đã tạo ở bước trước

Continue



Assignments (các bài Lab / Assignment)

+ New assignment

Starter code and environment

- 5 Tìm và chọn repository
Ví dụ
[COM108-LAB2-Bai1](#)

Find a GitHub repository

[vnTranTuan/COM108-LAB2-Bai1](#)
Môn học COM108, Repository của LAB2, bài 1

[vnTranTuan/COM108-LAB2-Bai1-DAP-AN](#)
Môn học COM108, LAB2, Bài 1

Có thể tạo sẵn các repository (xem như đề bài)

- Theo mức độ dễ đến khó
- Hoặc, theo mục đích khác của giảng viên

Ví dụ

[COM108-LAB2-Bai1-N1](#)

[COM108-LAB2-Bai1-N2](#)

[COM108-LAB2-Bai1-N3](#)

Assignments (các bài Lab / Assignment)



+ New assignment

Starter code and environment

⚠ Starter code repository must be a template so that a copy may be made in your organization

Add your starter code and choose an optional online IDE.

Assignment creation

- ✓ Assignment basics
- Starter code and environment
- Grading and feedback

Thông báo lỗi, do repository đã tạo sẵn

CHƯA LÀ REPOSITORY TEMPLATE

If you created in your organization, you can press the "Sync assignments" button on the assignment dashboard to open Pull Requests in all student assignment repositories with the changes.

Find a GitHub repository

Copy the default branch only
Only the default branch of your repository will be included in your students assignments. If unchecked, all branches will be copied.

The screenshot shows the 'New assignment' creation interface in GitHub Classroom. At the top, there's a green button labeled '+ New assignment'. Below it, a section titled 'Starter code and environment' contains a warning message: '⚠ Starter code repository must be a template so that a copy may be made in your organization'. The main area is titled 'Add your starter code and choose an optional online IDE.' and includes a 'Find a GitHub repository' search bar. On the left, a sidebar lists 'Assignment creation' steps: 'Assignment basics' (marked with a checkmark), 'Starter code and environment' (selected), and 'Grading and feedback'. A large yellow callout box highlights the error message 'CHƯA LÀ REPOSITORY TEMPLATE' in red. The bottom right corner has a checkbox for 'Copy the default branch only'.



Ví dụ - Setting GitHub Repository Template

The image shows two browser windows side-by-side. The left window displays the main repository page for 'vnTranTuan/COM108-LAB2-Bai1'. The right window shows the 'General' settings page for the same repository.

A: On the Settings page, the 'Template repository' checkbox is checked and highlighted with a yellow box. A callout bubble labeled 'A' points to this checkbox.

B: On the Settings page, the 'Template repository' section is highlighted with a yellow box. A callout bubble labeled 'B' points to the 'Template repository' heading.

Template repository (checked): Template repositories let users generate new repositories with the same directory structure and files. [Learn more about template repositories](#).

Require contributors to sign off on web-based commits: Enabling this setting will require contributors to sign off on commits made through GitHub's web interface. Signing off is a way for contributors to affirm that their commit complies with the repository's terms, commonly the [Developer Certificate of Origin \(DCO\)](#). [Learn more about signing off on commits](#).

Default branch: The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are automatically made, unless you specify a different branch.
main

Social preview: Upload an image to customize your repository's social media preview. Images should be at least 640x320px (1280x640px for best display). [Download template](#)



Ví dụ - Setting GitHub Repository Template

The image shows two side-by-side GitHub repository pages for 'vnTranTuan / COM108-LAB2-Bai1'.

Left Side (Standard Repository):

- Title:** COM108-LAB2-Bai1 (Public)
- Code tab:** main · 1 Branch · 0 Tags
- Files:**
 - vnTranTuan LAB2, Bài 1 Hướng dẫn và Starter Code · d6ae08a · 2 hours ago
 - README.md · LAB2, Bài 1 Hướng dẫn và Starter Code · 2 hours ago
 - bai1.c · LAB2, Bài 1 Hướng dẫn và Starter Code · 2 hours ago
- README Content:**

YÊU CẦU Xây dựng chương trình cộng / trừ (+/-) 2 số Input : Nhập vào từ bàn phím 2 số Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

 - Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
 - Dùng lệnh scanf để nhập từ bàn phím
 - Dùng lệnh printf để hiển thị nội dung ra màn hình

Right Side (Template Repository):

- Title:** COM108-LAB2-Bai1 (Public template)
- Code tab:** main · 1 Branch · 0 Tags
- Files:**
 - vnTranTuan LAB2, Bài 1 Hướng dẫn và Starter Code · d6ae08a · 2 hours ago · 1 Commit
 - README.md · LAB2, Bài 1 Hướng dẫn và Starter Code · 2 hours ago
 - bai1.c · LAB2, Bài 1 Hướng dẫn và Starter Code · 2 hours ago
- README Content:**

YÊU CẦU Xây dựng chương trình cộng / trừ (+/-) 2 số Input : Nhập vào từ bàn phím 2 số Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

 - Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
 - Dùng lệnh scanf để nhập từ bàn phím

Annotations:

- A yellow arrow points from the 'Code' tab of the standard repository to the 'Code' tab of the template repository.
- A yellow box highlights the word 'Repository' under the standard repository's README content.
- A red box highlights the word 'REPOSITORY TEMPLATE' under the template repository's README content.



Assignments (các bài Lab / Assignment)

+ New assignment

Grading and feedback

7 Enable feedback pull request

Cho phép tự động mở pull request khi sinh viên tham gia bài, và chúng ta có thể feedback trực tiếp vào từng dòng code

8

Create assignment

Set up autograding and feedback

Classroom

Classrooms / COM108-UDPM-classroom-class-SU25-01 / New assignment

GitHub Education

Assignment basics

Starter code and environment

Grading and feedback

Set up autograding, protected paths, and feedback.

Add autograding tests

Autograding tests help provide feedback for students immediately upon submission using GitHub Actions. Add a test to enable autograding.

Add test

Enable feedback pull requests

A pull request will automatically be created on all student repository submissions. Pull requests allow you to answer questions and provide feedback.

Back

Create assignment

Assignments (các bài Lab / Assignment)



+ New assignment

Assignment has been created

9 Copy & Share assignment link

Chia sẻ assignment link

The screenshot shows a web browser window titled "LAB2, Bai 1". The URL is <https://classroom.github.com/classrooms/227212486-com108-udpm-classroom-class-su25-01/assignments/lab2-bai-1>. A green notification bar at the top says "✓ 'LAB2, Bai 1' has been created!". Below it, the assignment details are shown: "LAB2, Bai 1", "Starter code from COM108-UDPM/com108-udpm-classroom-class-su25-01-lab2-bai-1-COM108-LAB2-Bai1", "Individual assignment", "Due Sep 30, 2025, 16:00 UTC", and "Active". The assignment link is <https://classroom.github.com/a/xc20Phj9>. A yellow arrow points from the "Assignment has been created" text in the previous slide to this notification bar. Another yellow arrow points from the "Copy" icon (a clipboard with a plus sign) in the assignment details section to the "Share the invitation link with your students so they can accept the assignment." text below.

Share the invitation link with your students so they can accept the assignment.

<https://classroom.github.com/a/xc20Phj9>

Nội dung

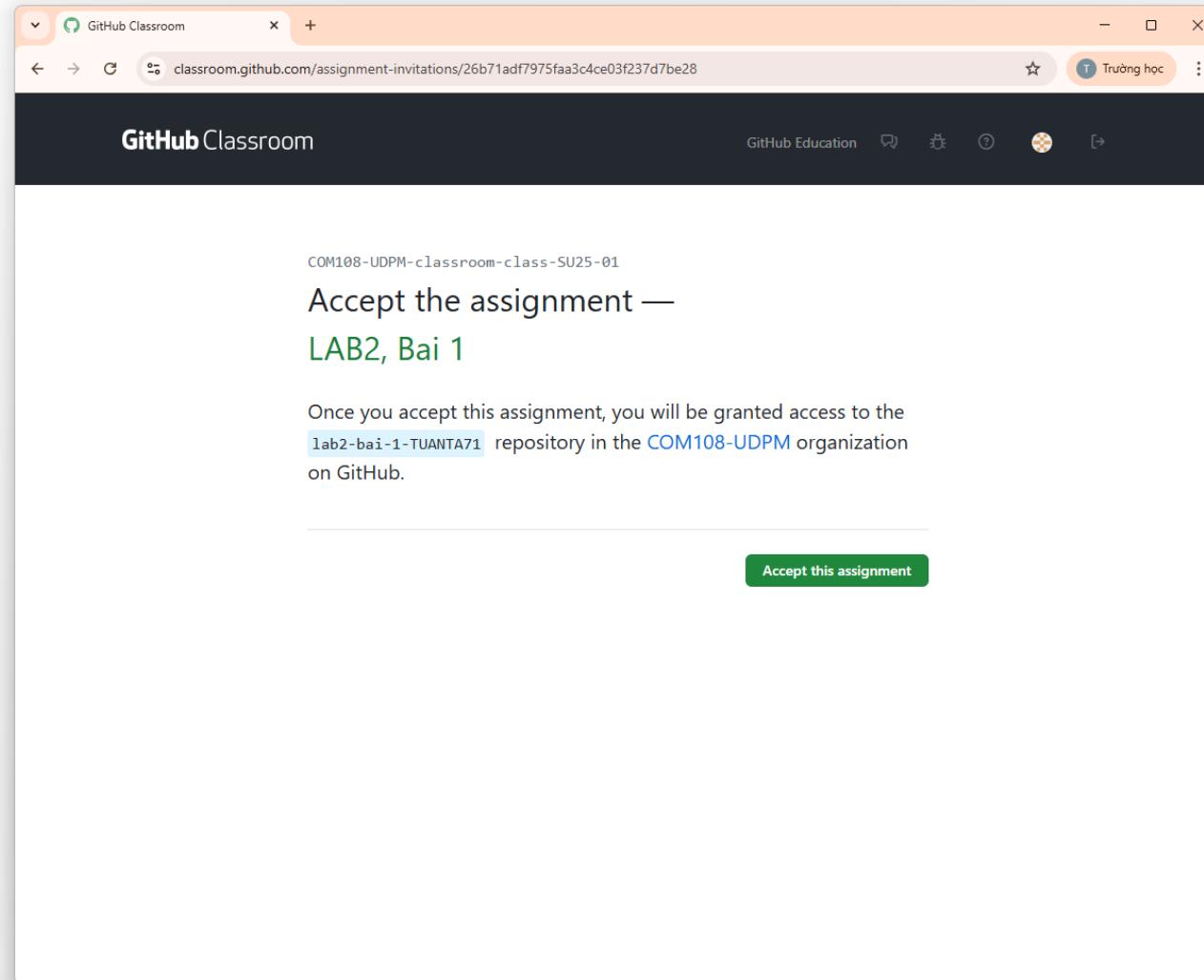
Student work

Git basic

Join class – Do homework – Submit

C

Student work – Join & Accept assignment



Accept this assignment

Truy cập assignment link và
tham gia bài assignment

Student work – Join & Accept assignment

The screenshot shows a browser window for GitHub Classroom at the URL classroom.github.com/assignment-invitations/26b71adf7975faa3c4ce03f237d7be28/status. The page displays a message "You're ready to go!" and "You accepted the assignment, LAB2, Bai 1.". It also shows that an assignment repository has been created with the URL <https://github.com/COM108-UDPM/lab2-bai-1-TUANT71>. A red arrow points from this URL to the placeholder text in the callout box below. The page includes a "Join the GitHub Student Developer Pack" sidebar and a large green "Accept this assignment" button.

Accept this assignment

Hai thông tin đầu tiên

1. Url của repository assignment
2. Thời hạn của assignment

`https://github.com/<repository assignment>-<student ID>`

Repository assignment của từng sinh viên sẽ được tự động tạo ngay sau khi accept assignment



Assignment management

Assignment management

Chức năng quản lý cung cấp nhiều thông tin trong đó có những nội dung chính như :

1. Danh sách sinh viên
2. Tình trạng tham gia assignment
3. Tình trạng nộp bài assignment

The screenshot shows the GitHub Classroom interface for an assignment titled "LAB2, Bai 1". The assignment is set to be due on Sep 30, 2025, at 16:00 UTC. It is currently active. The assignment details section shows that there are 2 students total, with 1 student having submitted their assignment. The student "TuanTA71" (@TUANTA71) has not submitted their assignment and has 0 commits. There are also filters for search, account type, and status.

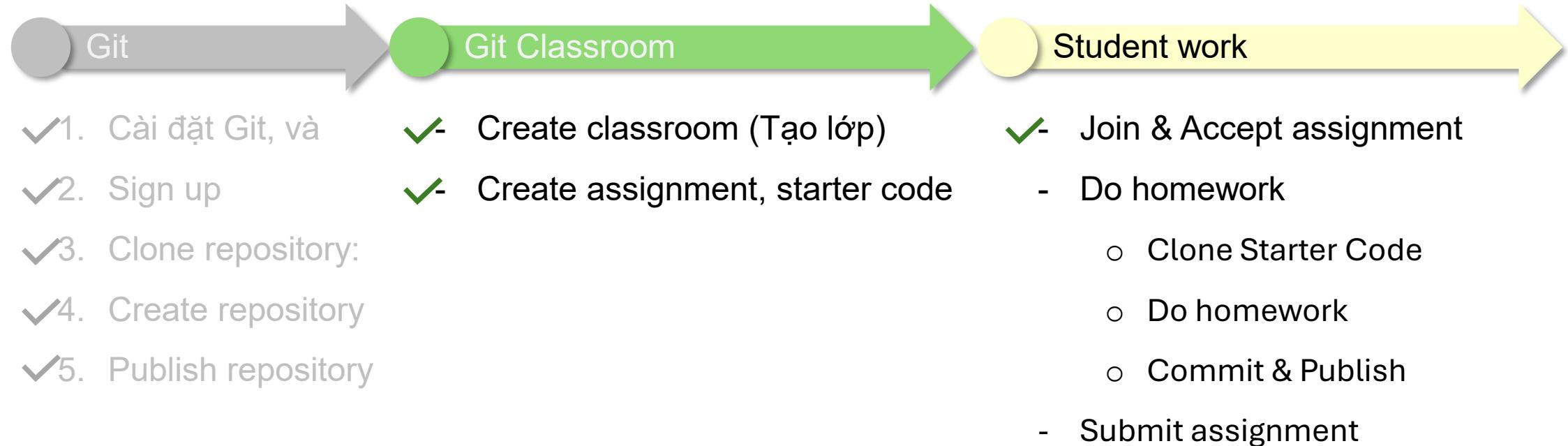
Assignment Details	
Students total	2
2 Rostered	0 Added students
Accepted assignments	1
1 Students	
Assignment submissions	1
0 Submitted	1 Not submitted

Filters: Search for an assignment, Filter by unlinked accounts, Filter by accepted, Filter by passing, Sort.

Classroom roster:

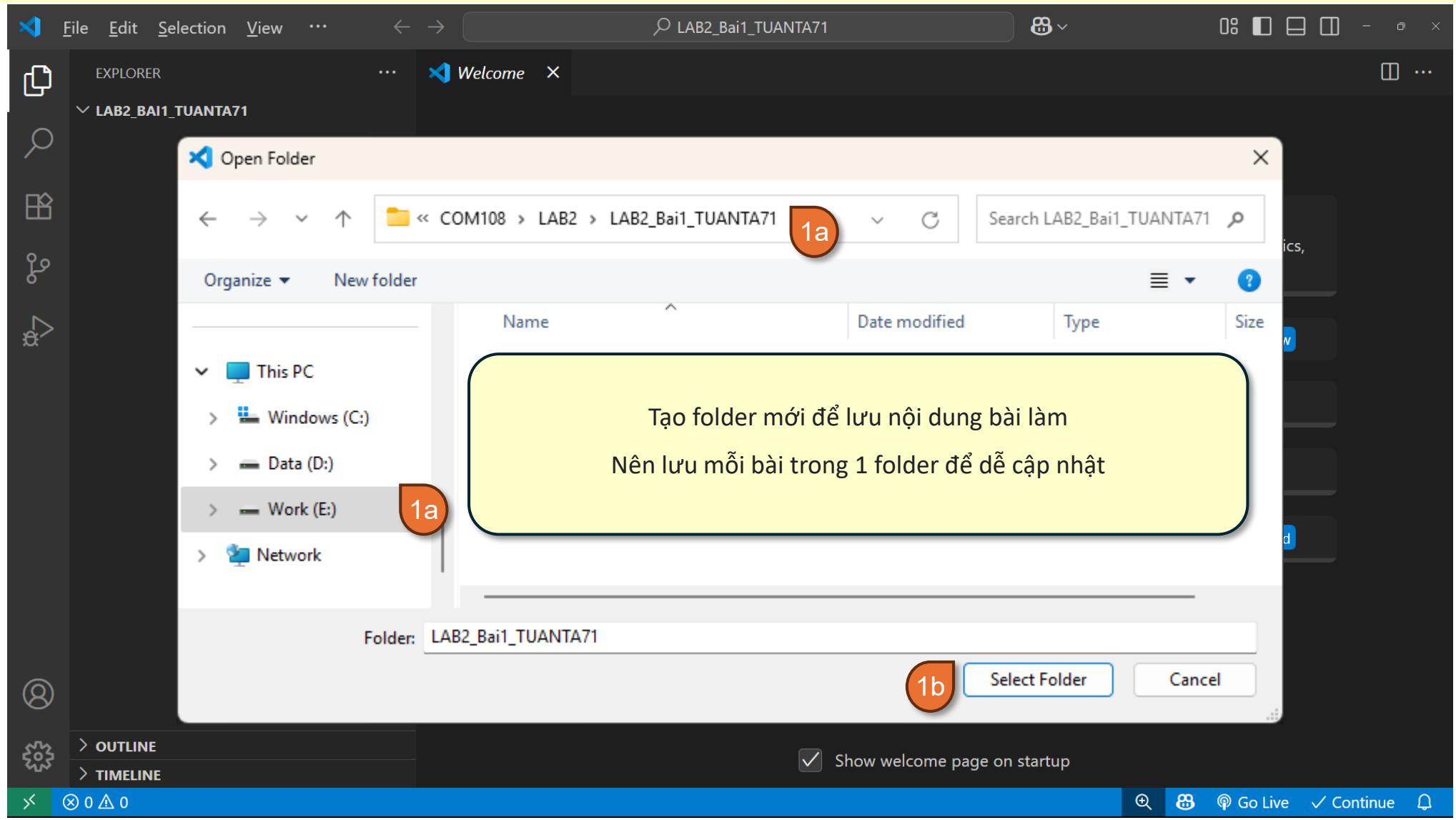
User	Status	Commits	Repository
TuanTA71 @TUANTA71	Not submitted	0 commits	Repository

Tóm tắt





Student work – Create project folder





Student work – Clone Starter code

The screenshot shows the Visual Studio Code interface. The top bar has the URL <https://github.com/COM108-UDPM/lab2-bai-1-TUANTA71>. A callout bubble labeled "2b" points to this URL. Below the address bar, a context menu is open with the URL again at the top. A yellow arrow points from the "Clone from GitHub" option in this menu down to the "Clone Git Repository..." option in the main "Clone Git Repository" submenu, which is also highlighted with a yellow box and labeled "2a".

Clone Git Repository

Với URL của Repository Assignment

[https://github.com/<**repository assignment**>-<**student ID**>](https://github.com/<repository assignment>-<student ID>)



Student work – Clone Starter code

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder named "LAB2-BAI-1-TUANTA71" containing "bai1.c" and "README.md".
- Code Editor:** Displays the content of "bai1.c".

```
#include <stdio.h>
int main() {
    // Chao mung ban den voi FPOLY
    // Mon hoc COM108 - Nhập môn lập trình
    // LAB2 - bai1
    printf("Hello, FPOLY!\n");
    printf("COM108, LAB2 - bai1\n");

    // Các lệnh nhập vào số A

    // Các lệnh nhập vào số B

    // Các lệnh tính tổng các số A, và B
}
```
- Preview:** Shows the content of "README.md" with a note: "Review the assignment due date".
- Right Panel:** Contains instructions in Vietnamese:
 - YÊU CẦU**
 - Xây dựng chương trình cộng / trừ (+/-) 2 số
 - Input : Nhập vào từ bàn phím 2 số
 - Output: Hiển thị ra màn hình tổng, hiệu của 2 số
 - HƯỚNG DẪN THỰC HIỆN**
 - 1. Khai báo các biến số A, B và các kết quả
Tổng, Hiệu của 2 số
 - 2. Dùng lệnh scanf để nhập từ bàn phím
 - 3. Dùng lệnh printf để hiển thị nội dung ra màn hình
- Bottom Bar:** Shows the status bar with "main*" and "Git Graph".

Nội dung của bài assignment. Đây chính là nội dung Giảng viên đã chuẩn bị trước



Student work – Do homework

File Edit Selection View Go Run ... **lab2-bai-1-TUANTA71** **...**

RUN AND DEBUG **...**

RUN

Run and Debug

To customize Run and Debug create a launch.json file.

Debug using a terminal command or in an interactive chat.

To learn more about launch.json, see Configuring C/C++ debugging.

C bai1.c M X

C bai1.c > main()

```

1 #include <stdio.h>
2
3 int main() {
4     // Chao mung ban den voi FPOLY
5     // Mon hoc COM108 - Nhap mon lap trinh
6     // LAB2 - bai1
7     printf("Hello, FPOLY!\n");
8     printf("COM108, LAB2 - bai1\n");
9
10    // Cac lenh nhap vao so A
11    printf("Moi ban nhap vao so A: ");
12    int soA;
13    scanf("%d", &soA);
14
15    // Cac lenh nhap vao so B
16    printf("Moi ban nhap vao so B: ");
17    int soB;
18    scanf("%d", &soB);
19
20    // Cac lenh tinh tong cac so A, B
21    int tong = soA + soB;
22    printf("Tong hai so A va B la: %d", tong);
23
24    return 0;
25 }
```

PROBLEMS OUTPUT TERMINAL PORTS AZURE DEBUG CONSOLE

Hello, FPOLY!
COM108, LAB2 - bai1
Moi ban nhap vao so A: 3
Moi ban nhap vao so B: 2
Tong hai so A va B la: 5
PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1_TUANTA71\lab2-bai-1-TUANTA71>

Review the assignment due date

YÊU CẦU

Xây dựng chương trình cộng / trừ (+/-) 2 số

Input : Nhập vào từ bàn phím 2 số

Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

1. Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
2. Dùng lệnh scanf để nhập từ bàn phím
3. Dùng lệnh printf để hiển thị nội dung ra màn hình

Nội dung bài làm

Và

Kết quả chạy chương trình

github-classroom[bot] (16 hours ago)

Ln 25, Col 2 Spaces: 4 UTF-8 CRLF { } C ⚙️ Go Live Win32 ✓ Continue 🔍



Student work – Submit assignment

NỘP BÀI

3a

3b

3c

SOURCE CONTROL

REPOSITORIES

CHANGES

Nộp bài LAB2, bài 1, TUANTA71

✓ Commit

Changes

bai1.c

bai1.exe

README.md

tasks.json .vscode

GRAPH

add deadline github-classroom[bot] @main

Initial commit github-classroom[bot]

bai1.c M X

Preview README.md X

Review the assignment due date

YÊU CẦU

Xây dựng chương trình cộng / trừ (+/-) 2 số

Input : Nhập vào từ bàn phím 2 số

Output: Hiển thị ra màn hình tổng, hiệu của 2 số

HƯỚNG DẪN THỰC HIỆN

1. Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
2. Dùng lệnh scanf để nhập từ bàn phím
3. Dùng lệnh printf để hiển thị nội dung ra màn hình

Nhập nội dung “Commit” trước khi nộp bài

Ví dụ: Nộp bài LAB2, bài 1, TUANTA71

```
#include <stdio.h>
int main() {
    // Chao mung ban den voi FPOLY
    // Mon hoc COM108 - Nhap mon lap trinh
    // LAB2 - bai1
    printf("Hello, FPOLY!\n");
    printf("COM108, LAB2 - bai1\n");

    // Cac lenh nhap vao so A
    printf("Moi ban nhap vao so A: ");
    int soA;
    scanf("%d", &soA);

    // Cac lenh nhap vao so B
    printf("Moi ban nhap vao so B: ");
    int soB;
    scanf("%d", &soB);

    // Cac lenh tinh tong cac so A, B
    int tong = soA + soB;
    printf("Tong hai so A va B la: %d", tong);

    return 0;
}
```

PROBLEMS OUTPUT TERMINAL PORTS AZURE DEBUG

Hello, FPOLY!
COM108, LAB2 - bai1
Moi ban nhap vao so A: 3
Moi ban nhap vao so B: 2
Tong hai so A va B la: 5

PS E:\WorkFolder\2025\COM108\LAB2\LAB2_Bai1_TUANTA71\lab2-bai-1-TUANTA71>



Student work – Submit assignment

Push

4

Push / Submit để nộp bài assignment

YÊU CẦU
Xây dựng chương trình cộng / trừ (+/-) 2 số
Input : Nhập vào từ bàn phím 2 số
Output: Hiển thị ra màn hình tổng, hiệu của 2 số
HƯỚNG DẪN THỰC HIỆN
1. Khai báo các biến số A, B và các kết quả Tổng, Hiệu của 2 số
2. Dùng lệnh scanf để nhập từ bàn phím
3. Dùng lệnh printf để hiển thị nội dung ra màn hình

```

1 #include <stdio.h>
2
3 int main() {
4     // Chao mung ban den voi FPOLY
5     // Mon hoc COM108 - Nhap mon lap trinh
6     // LAB2 - bai1
7     printf("Hello, FPOLY!\n");
8     printf("COM108, LAB2 - bai1\n");
9
10    // Cac lenh nhap vao so A
11    printf("Moi ban nhap vao so A: ");
12    int soA;
13    scanf("%d", &soA);
14
15    // Cac lenh nhap vao so B
16    printf("Moi ban nhap vao so B: ");
17    int soB;
18    scanf("%d", &soB);
19
20    // Cac lenh tinh tong cac so A, B
21    int tong = soA + soB;
22    printf("Tong hai so A va B la: %d",
23
24    return 0;
25 }
```

Assignment management

Assignment management

Giảng viên quan sát được

1. Trạng thái nộp bài của sinh viên

Submitted

Classroom roster

 TuanTA71 @TUANTA71	Submitted
Latest commit 10 minutes ago  1 commit	

LAB2, Bai 1

Starter code from COM108-UDPM/com108-udpm-classroom-class-su25-01-lab2-bai-1-COM108-LAB2-Bai1

Individual assignment Due Sep 30, 2025, 16:00 UTC Active

Sync assignments <https://classroom.github.com/a/XC20Phj9> No tests to run Edit Download

Assignment Details

Students total 2	Accepted assignments 1	Assignment submissions 1
2 Rostered 0 Added students	1 Students	1 Submitted 0 Not submitted

Filters Search for an assignment Filter by unlinked accounts is: Accepted Filter by passing Sort

Clear current search query, filters, and sorts

Classroom roster

 TuanTA71 Submitted @TUANTA71 Latest commit 12 minutes ago 1 commit	Repository
---	------------



Assignment management

Assignment management

Giảng viên quan sát được
2. Nội dung đã “commit”

The screenshot shows a GitHub repository page for 'COM108-UDPM / lab2-bai-1-TUANTA71'. The 'Commits' tab is selected, indicated by a yellow arrow. A yellow box highlights the list of commits made on August 25, 2025:

- Nộp bài LAB2, bài 1, TUANTA71 (vnTranTuan committed 20 minutes ago) - Commit ID: f318def
- add deadline (github-classroom[bot] authored 16 hours ago) - Commit ID: a7da990
- Initial commit (github-classroom[bot] authored 16 hours ago) - Commit ID: 6e203b5

Assignment management



Assignment management

Giảng viên quan sát được

3. Chi tiết bài làm trên từng thay đổi

A screenshot of a GitHub commit page titled "Nộp bài LAB2, bài 1, TUANTA71". The commit URL is <https://github.com/COM108-UDPM/lab2-bai-1-TUANTA71/commit/f318def3edd2ff5e04c3d19a07b51bf2a512f0fb>. The commit message is "Nộp bài LAB2, bài 1, TUANTA71". The commit shows 4 files changed with 41 additions (+) and 9 deletions (-). The main file shown is "bai1.c". A yellow arrow points from the text "Chi tiết bài làm trên từng thay đổi" to the diff view of the "bai1.c" file. The diff view highlights the changes made to the code, such as adding prompts for user input and calculating the sum of two integers.

```
@@ -8,18 +8,18 @@ int main() {
8   8     printf("COM108, LAB2 - bai1\n");
9   9
10 10    // Cac lenh nhap vao so A
11  -
12  -
13  -
14 11    + printf("Moi ban nhap vao so A: ");
15 12    + int soA;
16 13    + scanf("%d", &soA);
17  -
18  -
19  -
20 20    // Cac lenh nhap vao so B
21 16    + printf("Moi ban nhap vao so B: ");
22 17    + int soB;
23 18    + scanf("%d", &soB);
24 21    // Cac lenh tinh tong cac so A, va B
25 22    + int tong = soA + soB;
26 23    + printf("Tong hai so A va B la: %d", tong);
27 24
28 25    return 0;
29 26 }
```



Assignment management

Assignment management

Giảng viên “feedback / comment”

4. Nội dung chi tiết của bài làm

The screenshot shows a GitHub commit page for a repository named 'LAB2, Bài 1'. The commit message is 'Nộp bài LAB2, bài 1, TUANTTA71'. The commit details show '4 files changed' with '+41 -9' lines changed. The main pane displays a code diff for 'bai1.c' between lines 16 and 22. A yellow arrow points from the 'Write' field of a comment modal to the code diff. The comment text reads: 'Em làm tốt, tuy nhiên còn thiếu yêu cầu "tính hiệu số của 2 số". Em bổ sung thêm nội dung còn thiếu nhé.' The modal also includes 'Preview' and 'Comment' buttons.

```
16 19
17 -
18 -
19 -
20 - // Cac lenh tinh tong cac so A, va B
21 + // Cac lenh tinh tong cac so A, B
22 + int tong = soA + soB;
23 + printf("Tong hai so A va B la: %d", tong);
```

Comments 0

Comment



Assignment management

Assignment management

Giảng viên “**feedback / comment**”
5. Tổng thể nội dung của bài làm

The screenshot shows a GitHub commit page for a lab assignment. The commit message is "Nộp bài LAB2, bài 1, TUANTAT71". The commit details show 4 files changed (+41 -9 lines changed) with a focus on the file `bai1.c`. A comment from user `vnTranTuan` is displayed, suggesting improvements to the code. Below the code editor, a yellow box highlights the comment section, which contains a message encouraging the student to enhance their program. A yellow arrow points to the "Comment" button at the bottom right of the comment input field.

LAB2, Bài 1

Nộp bài LAB2, bài 1, TUANTAT71

https://github.com/COM108-UDPM/lab2-bai-1-TUANTAT71/commit/f318def3edd2ff5e04c3d19a07b51bf2a512f0fb#r1...

4 files changed +41 -9 lines changed

`bai1.c`

vnTranTuan 10 minutes ago

Em làm tốt, tuy nhiên còn thiếu yêu cầu "tính hiệu số của 2 số".
Em bổ sung thêm nội dung còn thiếu nhé.

Write a reply

`bai1.exe`

Binary file not shown.

Comments 0

Để nâng cao hơn nội dung của bài làm.
Em có thể mở rộng chương trình hơn để có thể tính tổng của 3 số.
Chúc em thành công

Write Preview

Comment

Subscribe You're not receiving notifications from this thread.

Student work – View feedback / comment

The screenshot shows a GitHub Classroom interface with a yellow callout box highlighting the feedback section.

GitHub Classroom - History for bai1.c - COM108-UDPM

Commits

History for lab2-bai-1-TUANTA71 / bai1.c on main

Commits on Aug 25, 2025

- Nộp bài LAB2, bài 1, TUANTA71 (vnTranTuan committed 3 hours ago)
- Initial commit (github-classroom[bot] authored 19 hours ago)

Sinh viên xem nội dung “feedback / comment”

Feedback / Comment Section:

bai1.c

vnTranTuan 22 minutes ago
Em làm tốt, tuy nhiên còn thiếu yêu cầu “tính hiệu số của 2 số”.
Em bổ sung thêm nội dung còn thiếu nhé.

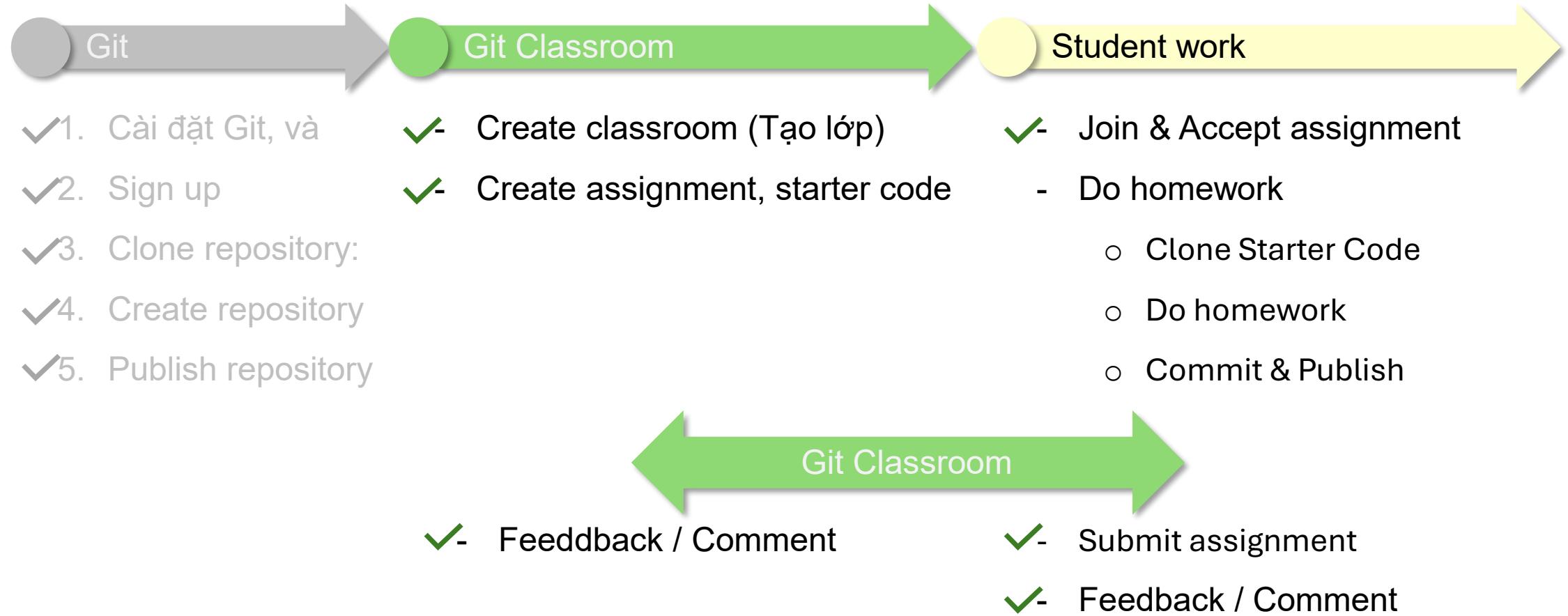
bai1.exe

Binary file not shown.

Comments

vnTranTuan 11 minutes ago
Để nâng cao hơn nội dung của bài làm.
Em có thể mở rộng chương trình hơn để có thể tính tổng của 3 số.
Chúc em thành công.

Tóm tắt



Tham khảo

Cài đặt C Programming with VS Code

1. Visual studio code
2. Extension : [C/C++ for Visual Studio Code](#)
3. Compiler : [Using GCC with MinGW](#)

[Using Git in Apache NetBeans](#)