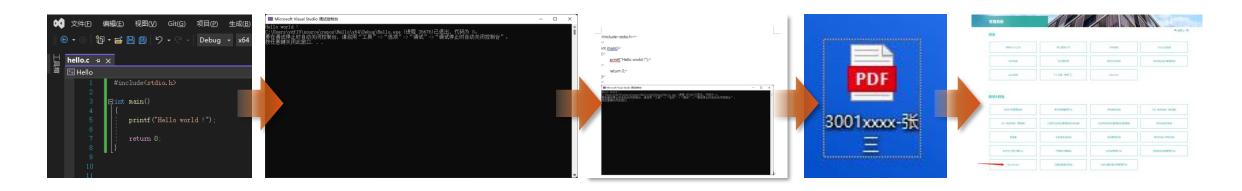
#### Homework

- (1) Print hello world!
- (2) Print your name and student number with two "printf"
- (3) Print your name and student number with only one "printf"
- (4) Print an equation adding two integer numbers
- (5) Print an equation multiplying two float numbers
- (6) Briefly describe how a C program is executed (in 200 words, bonus)

#### How to submit homework?

- 1. Type your code in Visual Studio C++
- 2. Run your code and screenshot the result
- 3. Create a word file named by student number + name (in Chinese!)
- 4. Paste the code and screenshot in the word file
- 5. Convert into PDF and submit to "Black board"

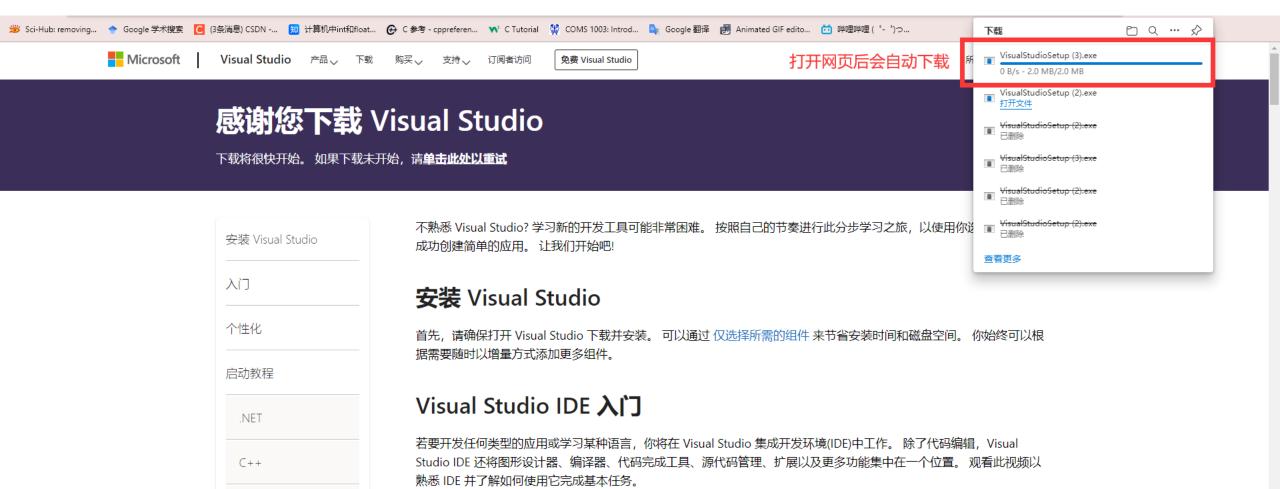
https://bb.sustech.edu.cn/webapps/portal/execute/tabs/tabAction?tab\_tab\_group\_id=\_1\_1



# Instructions for installing Visual Studio Windows and MacOS

#### Windows下载地址:

https://visualstudio.microsoft.com/zh-hans/thank-you-downloading-visual-studio/?sku=Community&channel=Release&version=VS2022&source=VSLandingPage&cid=2030&passive=false



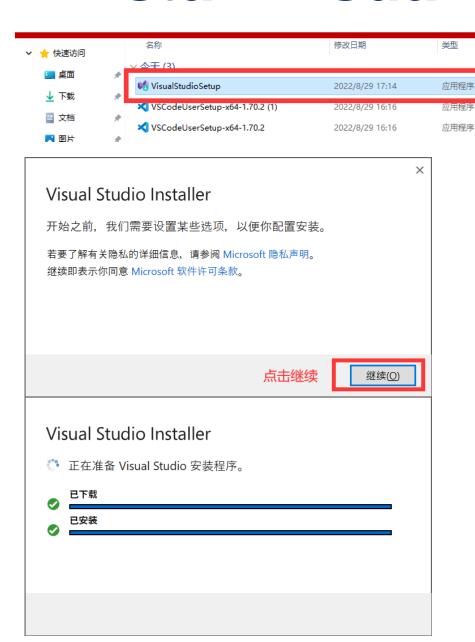
打开刚才下载的文件

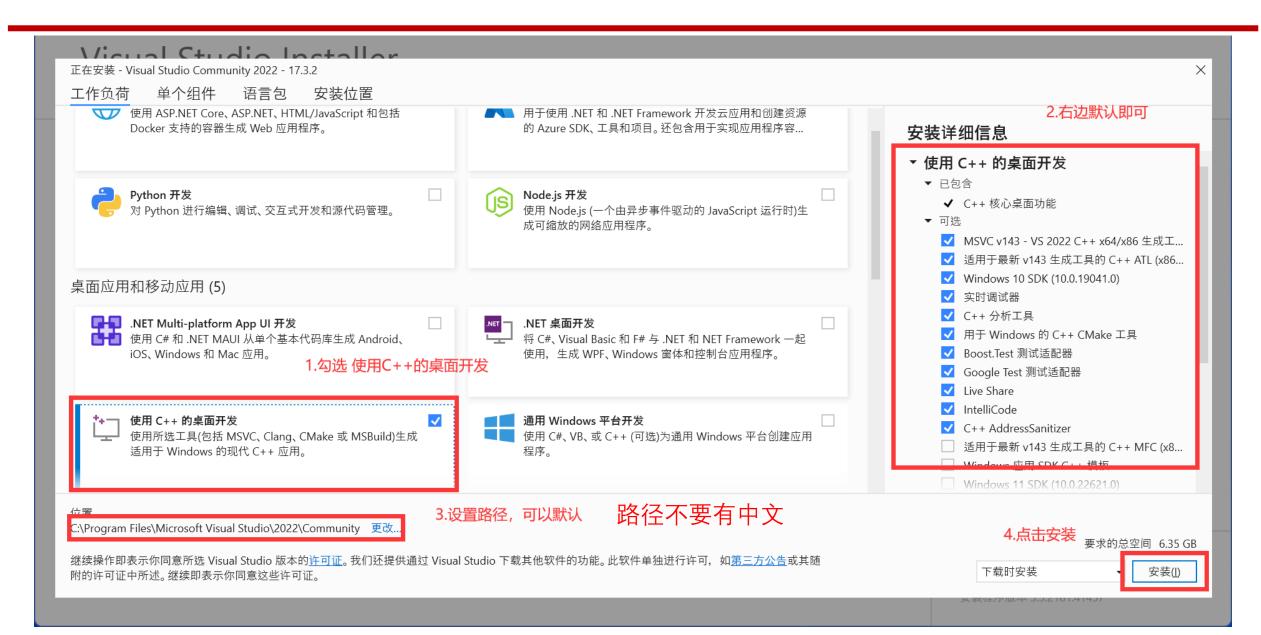
大小

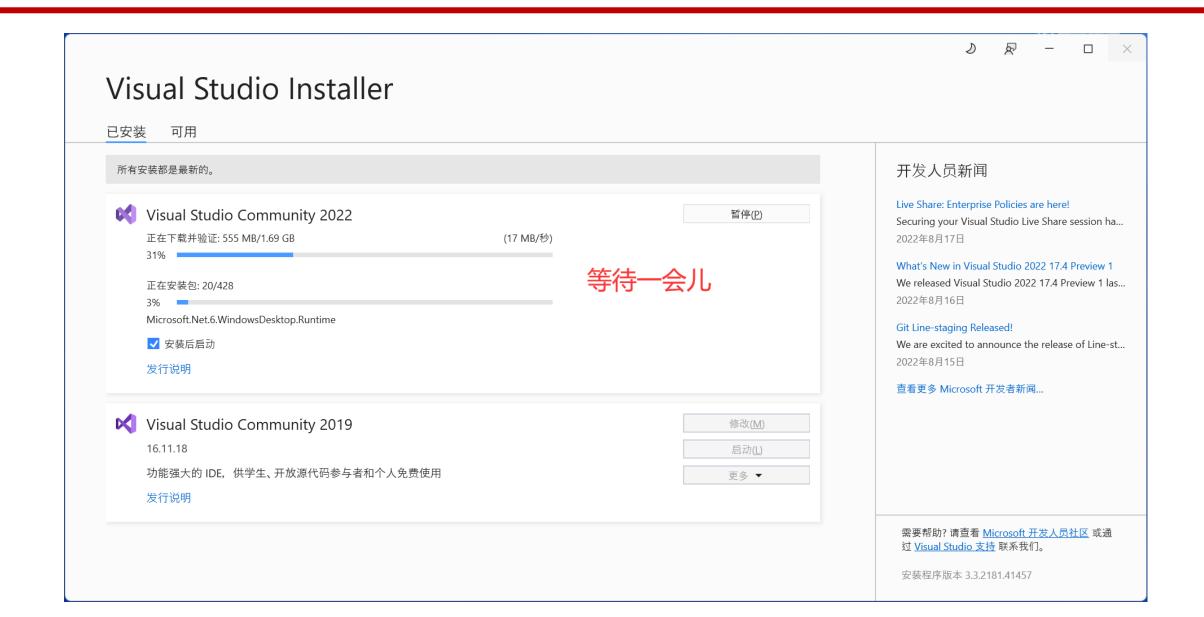
2,079 KB

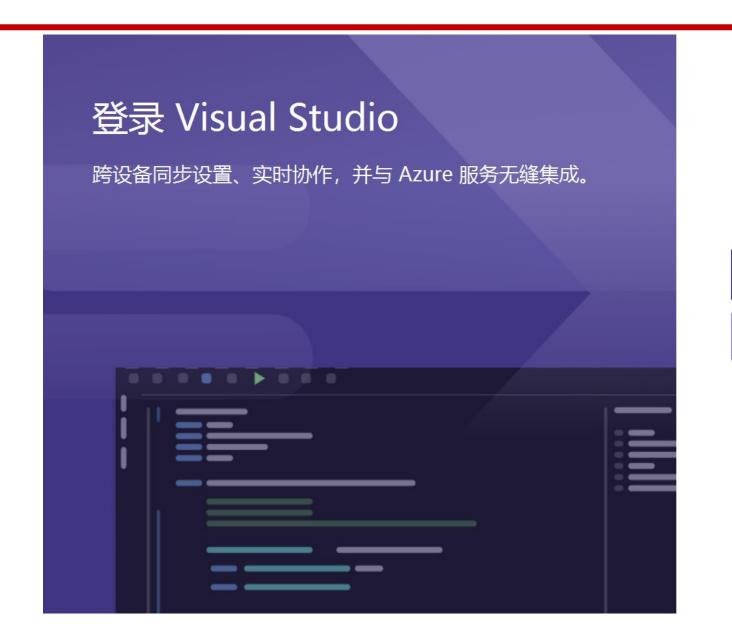
80,937 KB

80,937 KB









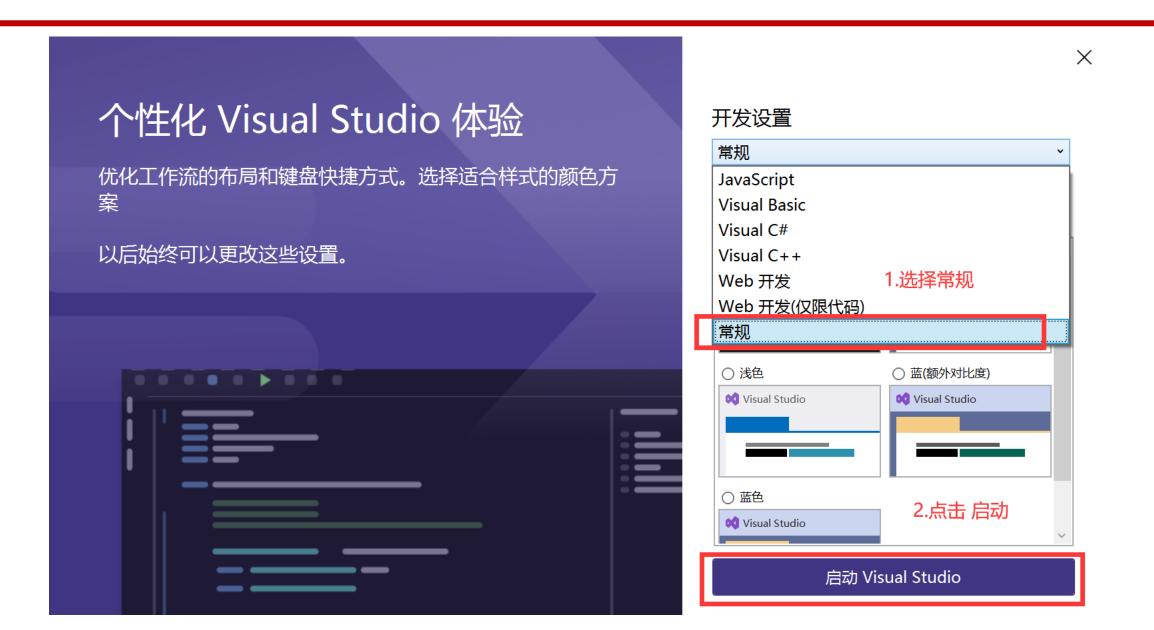
登录

X

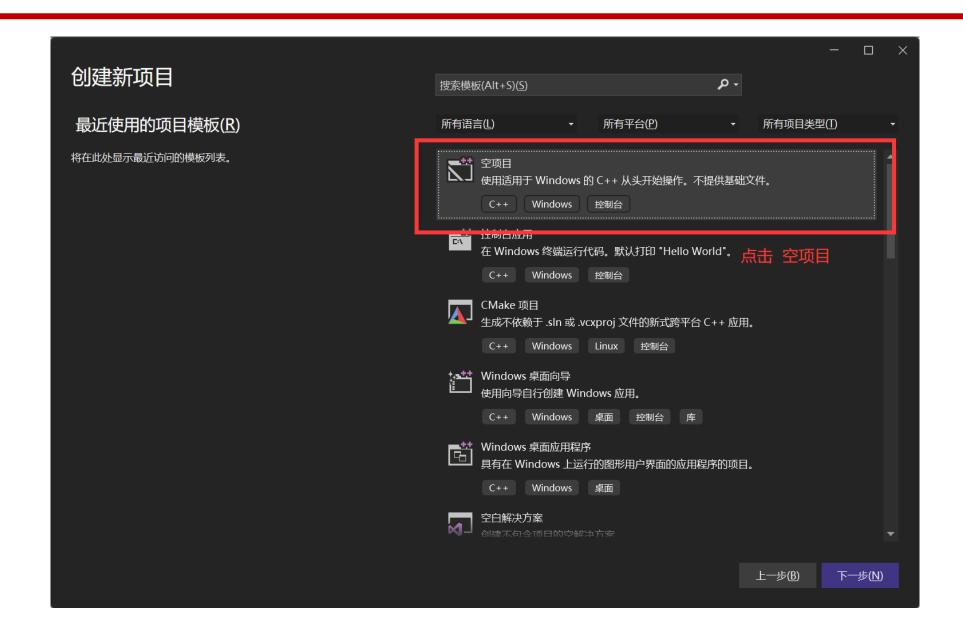
创建帐户

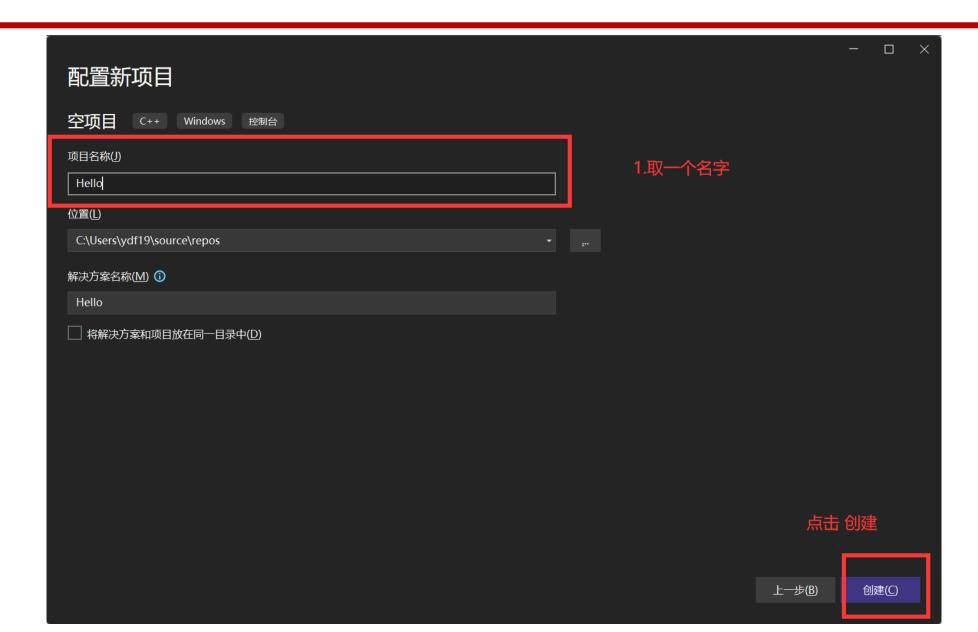
暂时跳过此项。

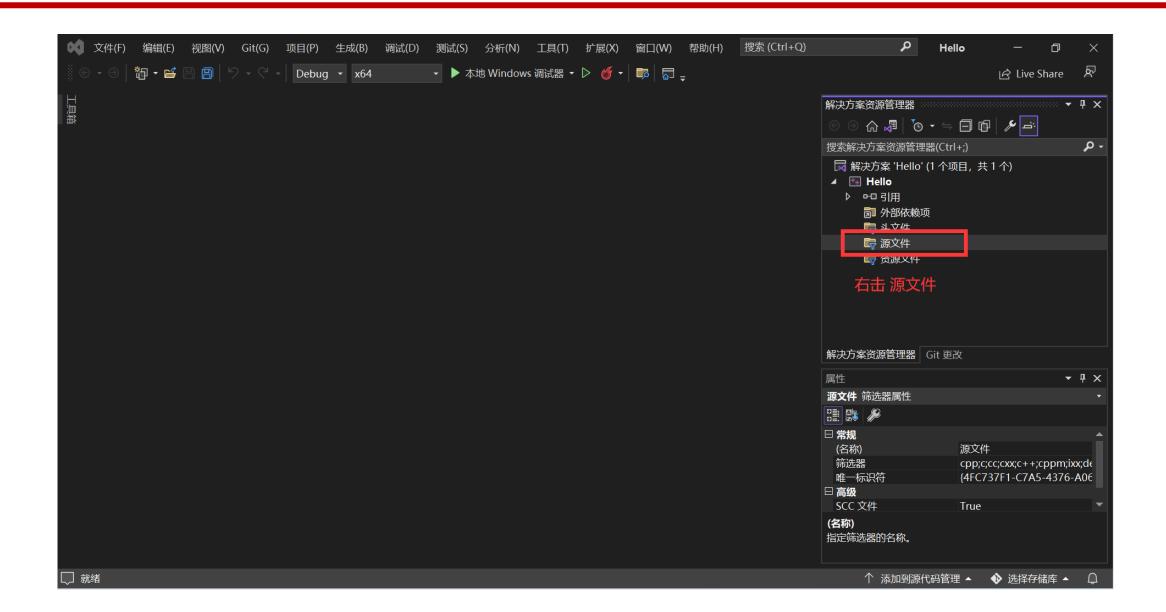
点击 暂时跳过此项

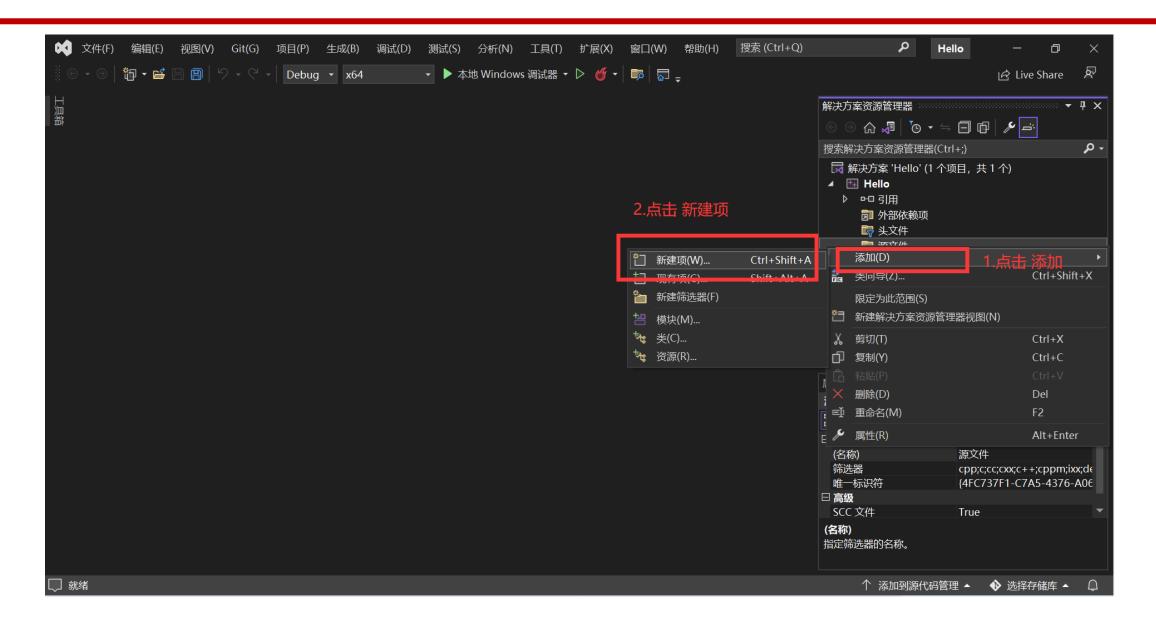


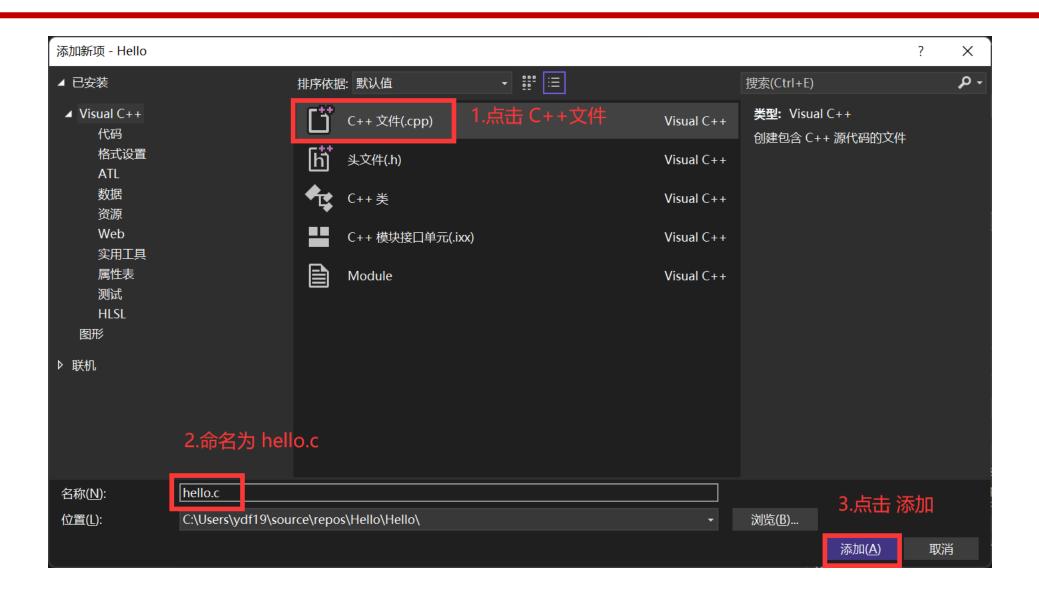


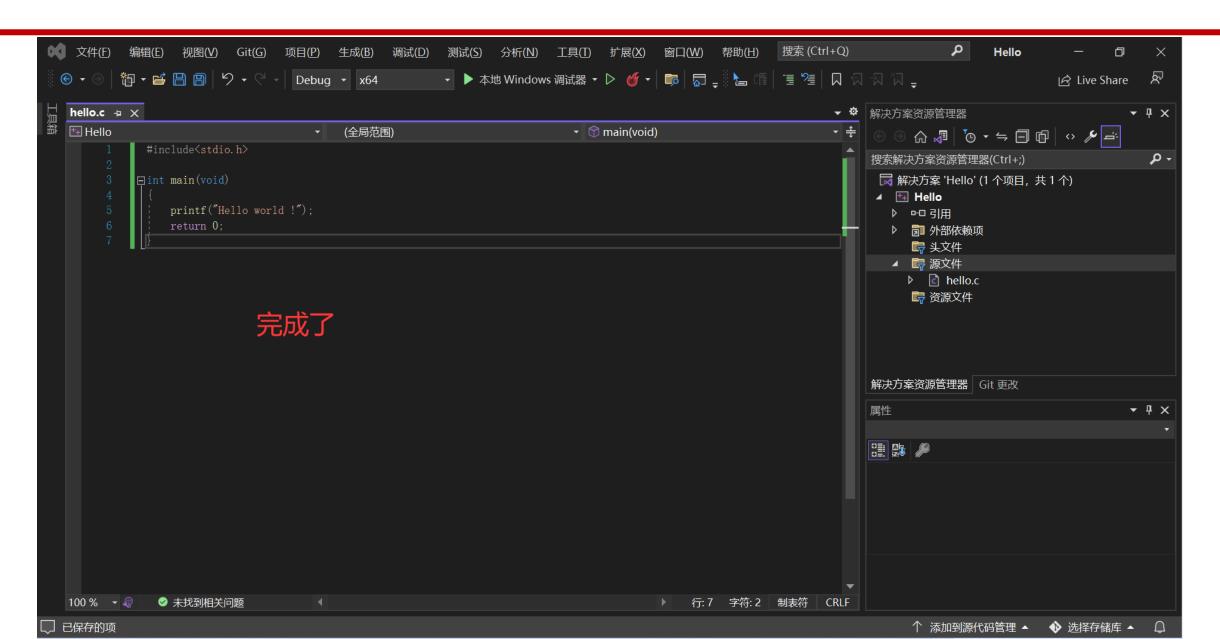










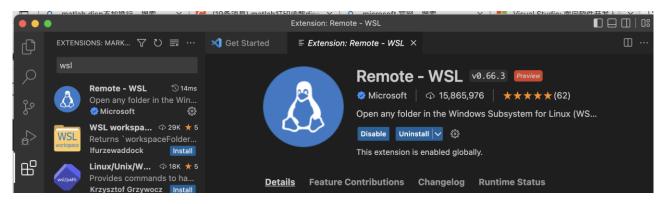


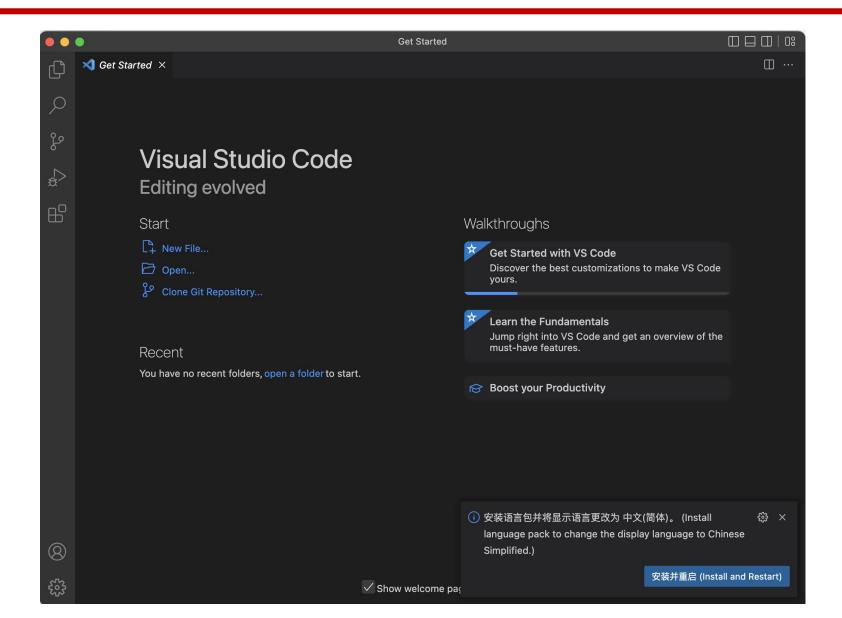
- Open the Terminal on your Mac
- Input g++ to check whether the CLT or GCC is installed
- If not, the system will guide you to install CLT
- Input g++ --version to check whether the installation is successful

```
ashley_zys — -zsh — 80×24
Last login: Thu Sep 8 11:37:30 on ttys000
ashley_zys@cengyongshendeMacBook-Air ~ % g++ --version
Apple clang version 13.1.6 (clang-1316.0.21.2.5)
Target: arm64-apple-darwin21.6.0
Thread model: posix
InstalledDir: /Library/Developer/CommandLineTools/usr/bin
ashley_zys@cengyongshendeMacBook-Air ~ %
```

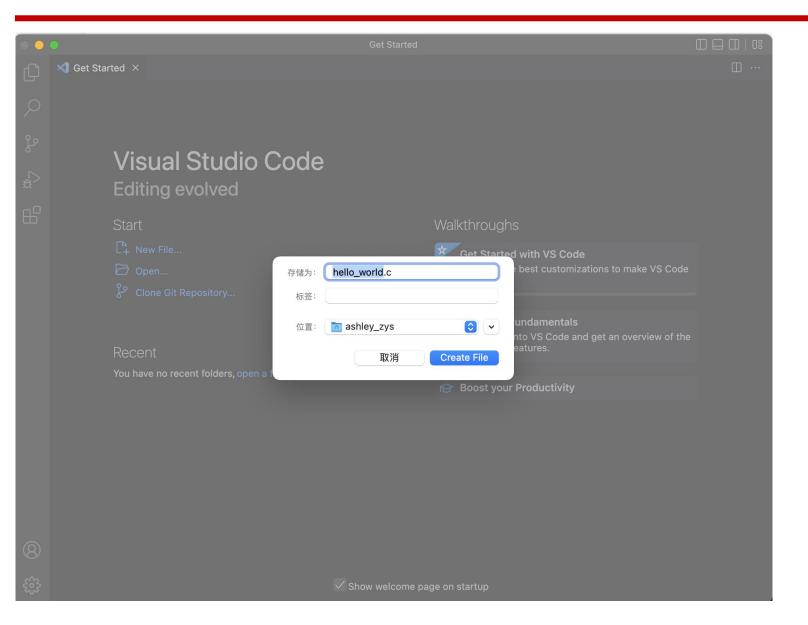
- Install visual studio code on: https://code.visualstudio.com/docs/?dv=osx
- After you install VSCode, you need to install two plugins at least to support our development:
- 1. C/C++ plugin
- 2. Remote WSL plugin



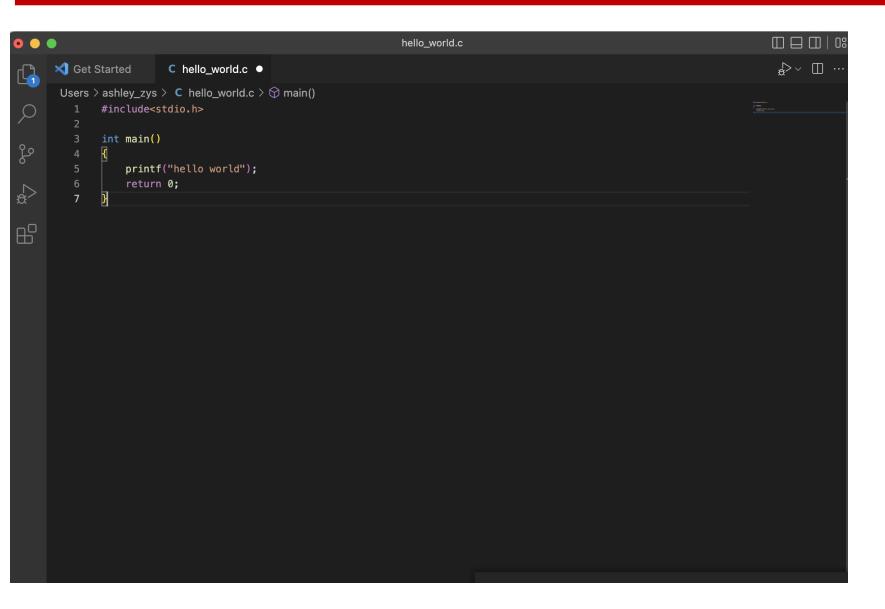




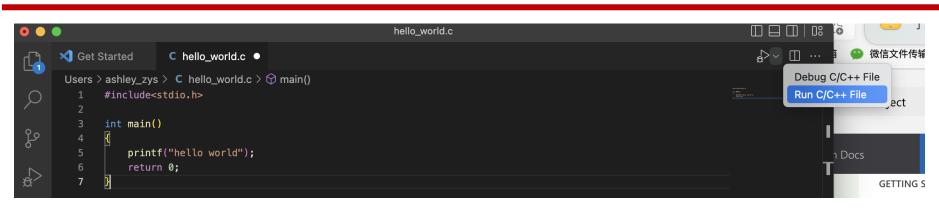
Creat a new file named: hello\_world.c

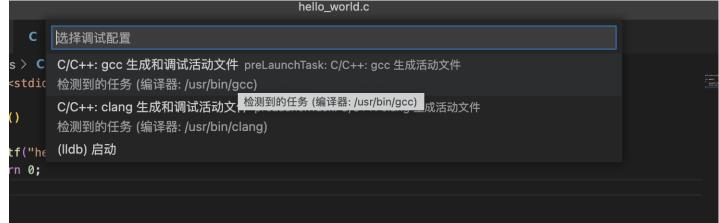


Creat a new file named: hello\_world.c



Type your code





Run your code

```
Loaded '/usr/lib/libobjc.A.dylib'. Symbols loaded.
Loaded '/usr/lib/libobjc.A.dylib'. Symbols loaded.
Loaded '/usr/lib/liboah.dylib'. Symbols loaded.
Loaded '/usr/lib/libc++.1.dylib'. Symbols loaded.
Loaded '/usr/lib/libc++.1.dylib'. Symbols loaded.
hello world
The program '/Users/ashley_zys/hello_world' has exited with code 0

Yes No
```