

Code::Blocks 安裝

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CONTENTS

1

安裝步驟

2

介面說明

3

附註 1

安裝步驟

01

安裝步驟

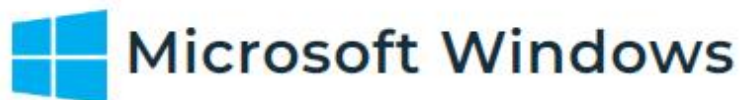
- 下載網址:
 - <https://www.codeblocks.org/downloads/binaries/>

- 畫面:  Microsoft Windows

File	Download from
codeblocks-20.03-setup.exe	FossHUB or Sourceforge.net
codeblocks-20.03-setup-nonadmin.exe	FossHUB or Sourceforge.net
codeblocks-20.03-nosetup.zip	FossHUB or Sourceforge.net
codeblocks-20.03mingw-setup.exe	FossHUB or Sourceforge.net
codeblocks-20.03mingw-nosetup.zip	FossHUB or Sourceforge.net
codeblocks-20.03-32bit-setup.exe	FossHUB or Sourceforge.net
codeblocks-20.03-32bit-setup-nonadmin.exe	FossHUB or Sourceforge.net
codeblocks-20.03-32bit-nosetup.zip	FossHUB or Sourceforge.net
codeblocks-20.03mingw-32bit-setup.exe	FossHUB or Sourceforge.net
codeblocks-20.03mingw-32bit-nosetup.zip	FossHUB or Sourceforge.net

NOTE: The codeblocks-20.03-setup.exe file includes Code::Blocks with all plugins. The codeblocks-20.03-setup-nonadmin.exe file is provided for convenience to users that do not have administrator rights on their machine(s).

安裝步驟



File	Download from
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codeblocks-20.03-32bit-setup.exe	FossHUB or Sourceforge.net
codeblocks-20.03-32bit-setup-nonadmin.exe	FossHUB or Sourceforge.net
codeblocks-20.03-32bit-nosetup.zip	FossHUB or Sourceforge.net
codeblocks-20.03mingw-32bit-setup.exe	FossHUB or Sourceforge.net
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exe:

- 下載後需要自行設定並安裝
- 優點: 比較不會有路徑設定的錯誤

zip:

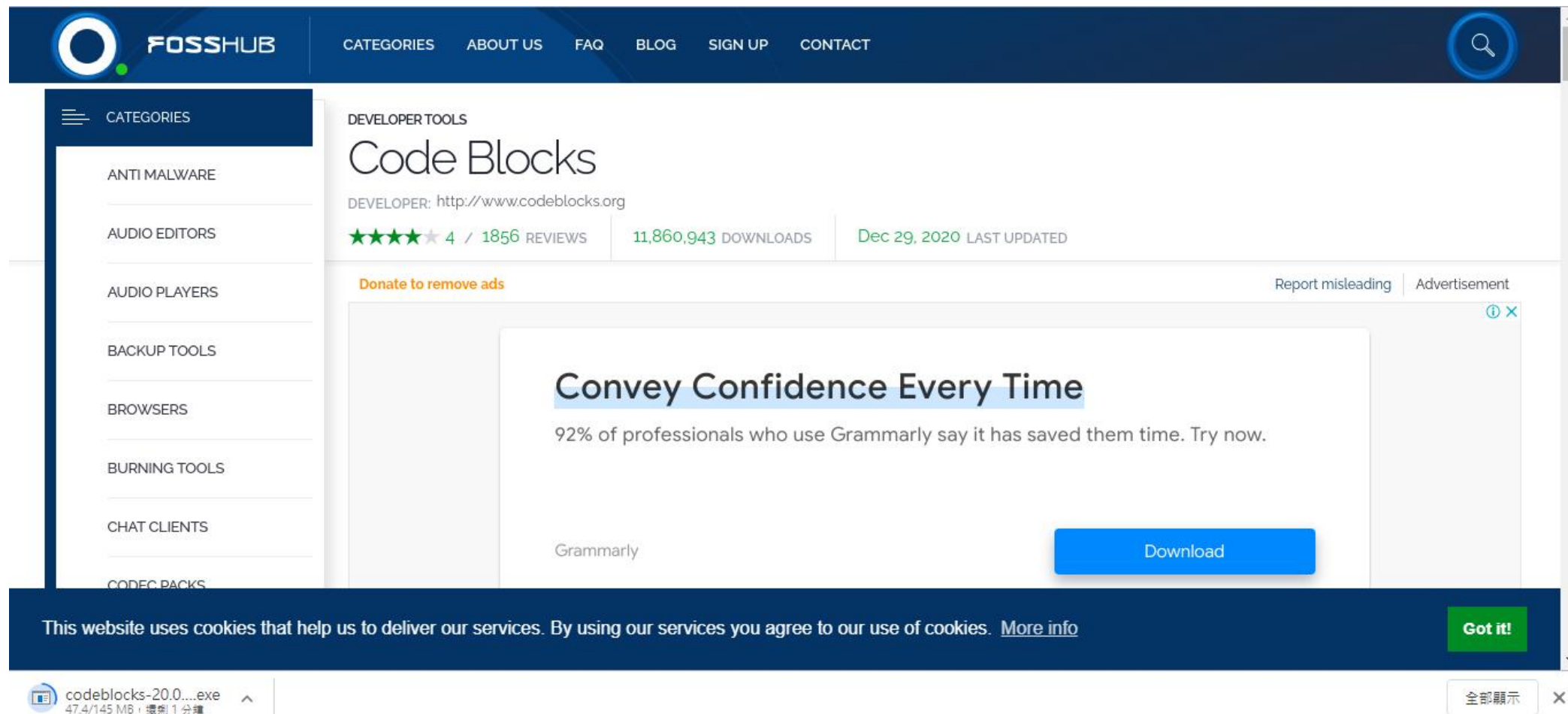
- 下載後可以直接執行 codeblocks.exe
- 優點: 方便

mingw:

- 是將GCC編譯器和 GNU Binutils 移植到 Win32 平台下的產物

安裝步驟

- 下載



安裝步驟

- 安裝



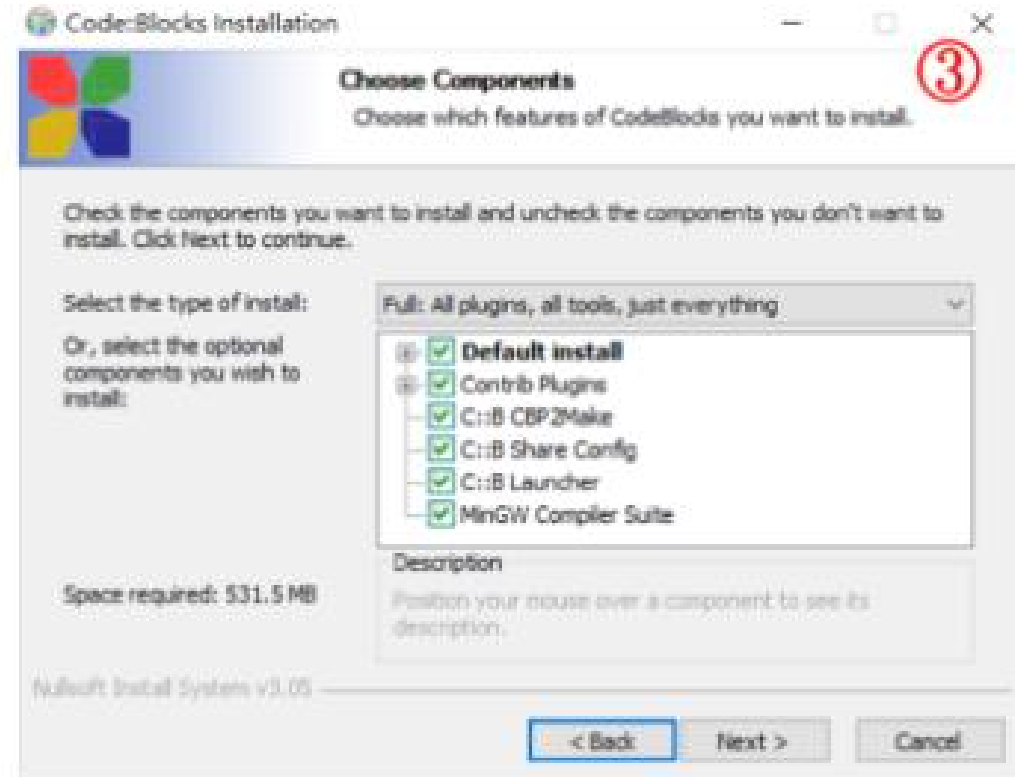
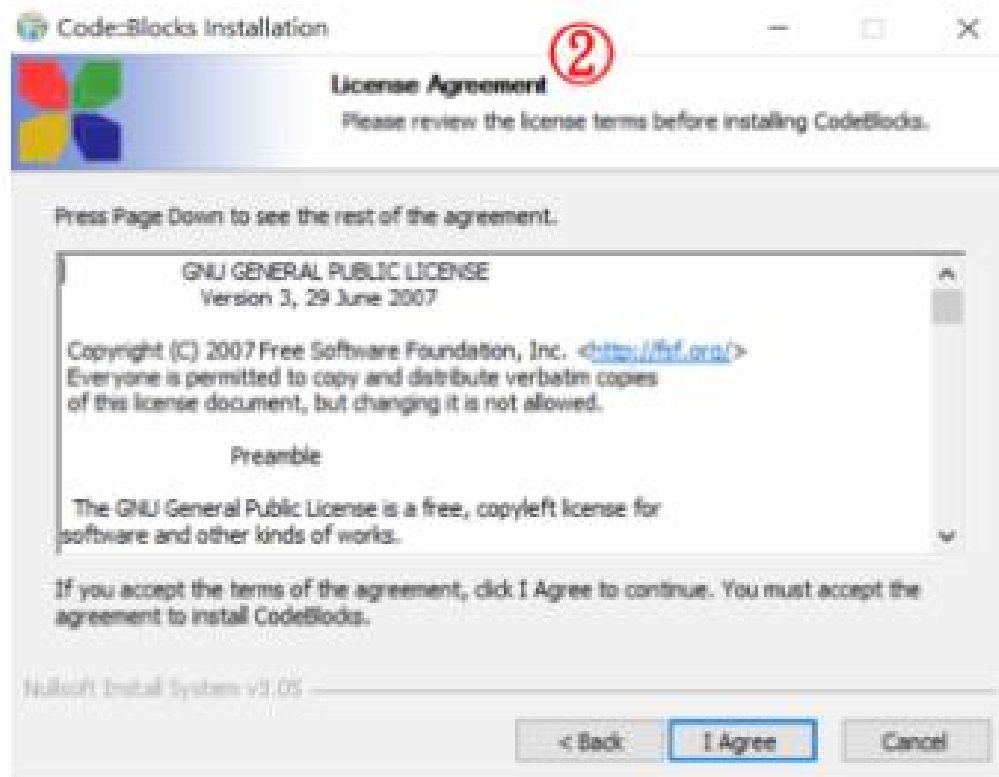
Click

codeblocks-20.03mingw-setup



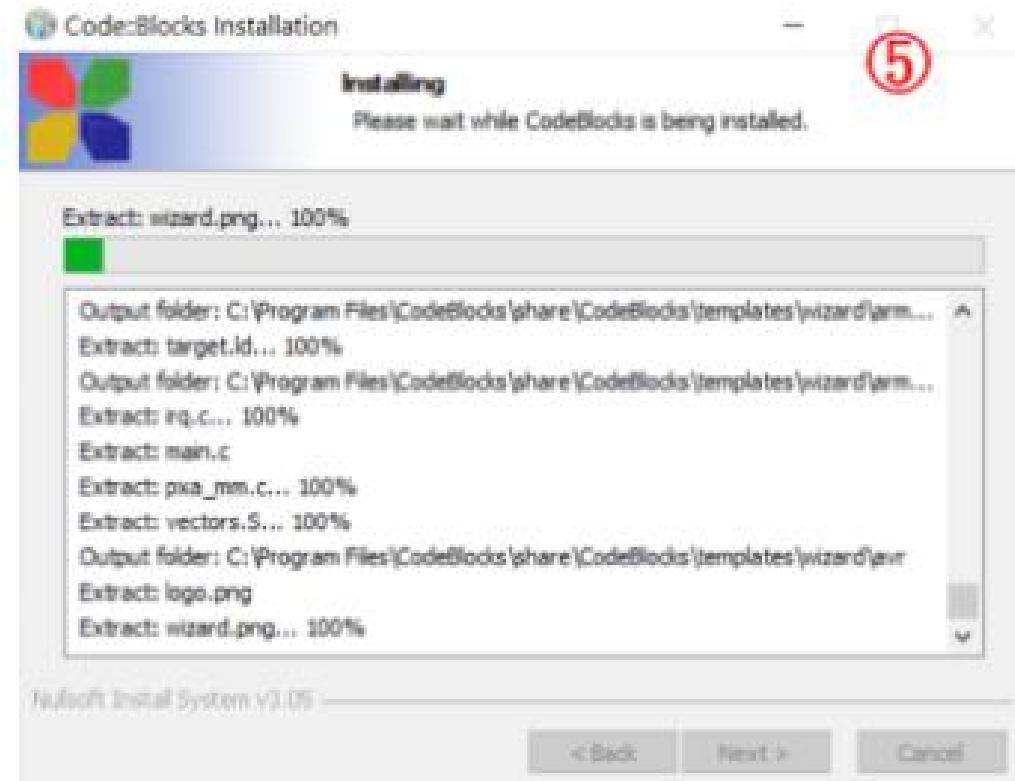
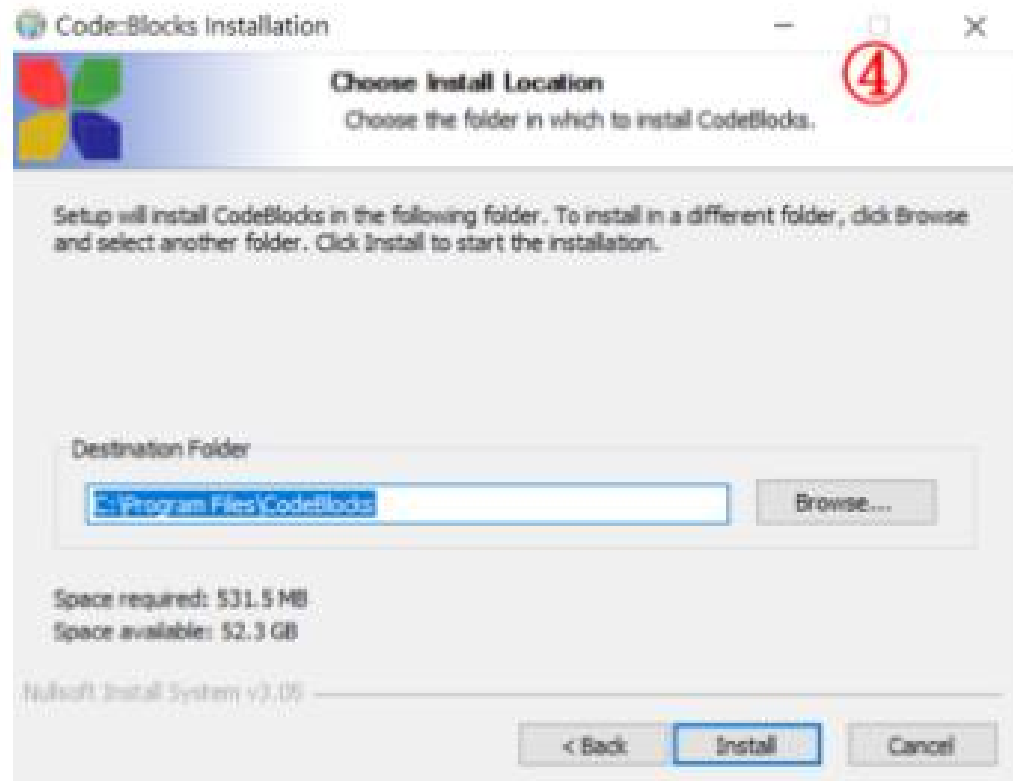
安裝步驟

- 安裝



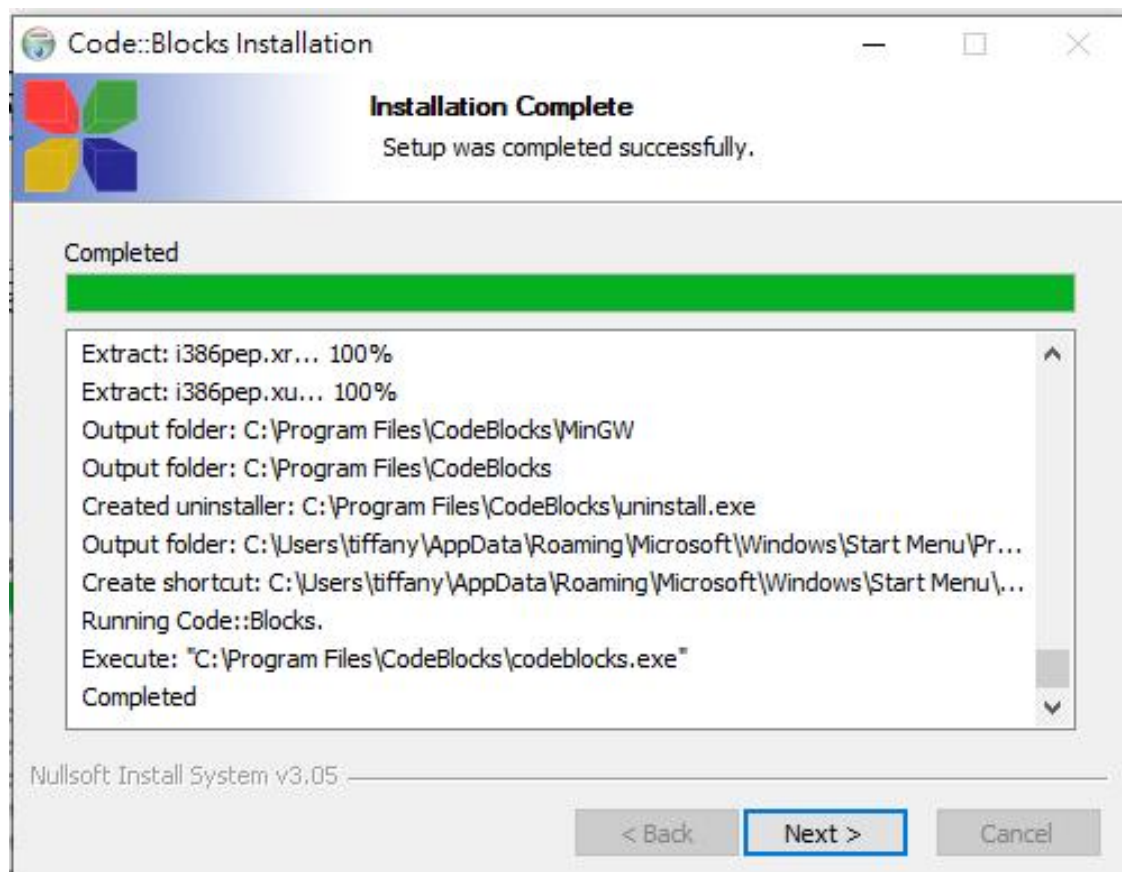
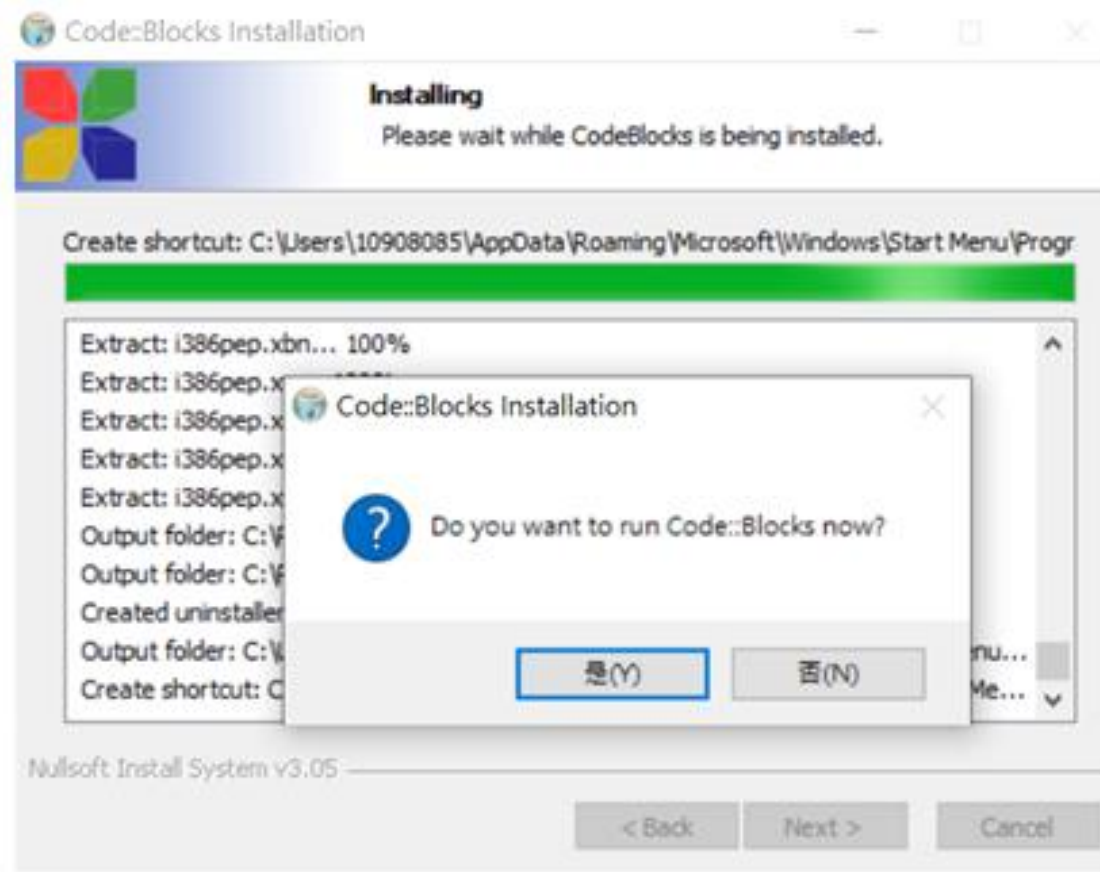
安裝步驟

- 安裝



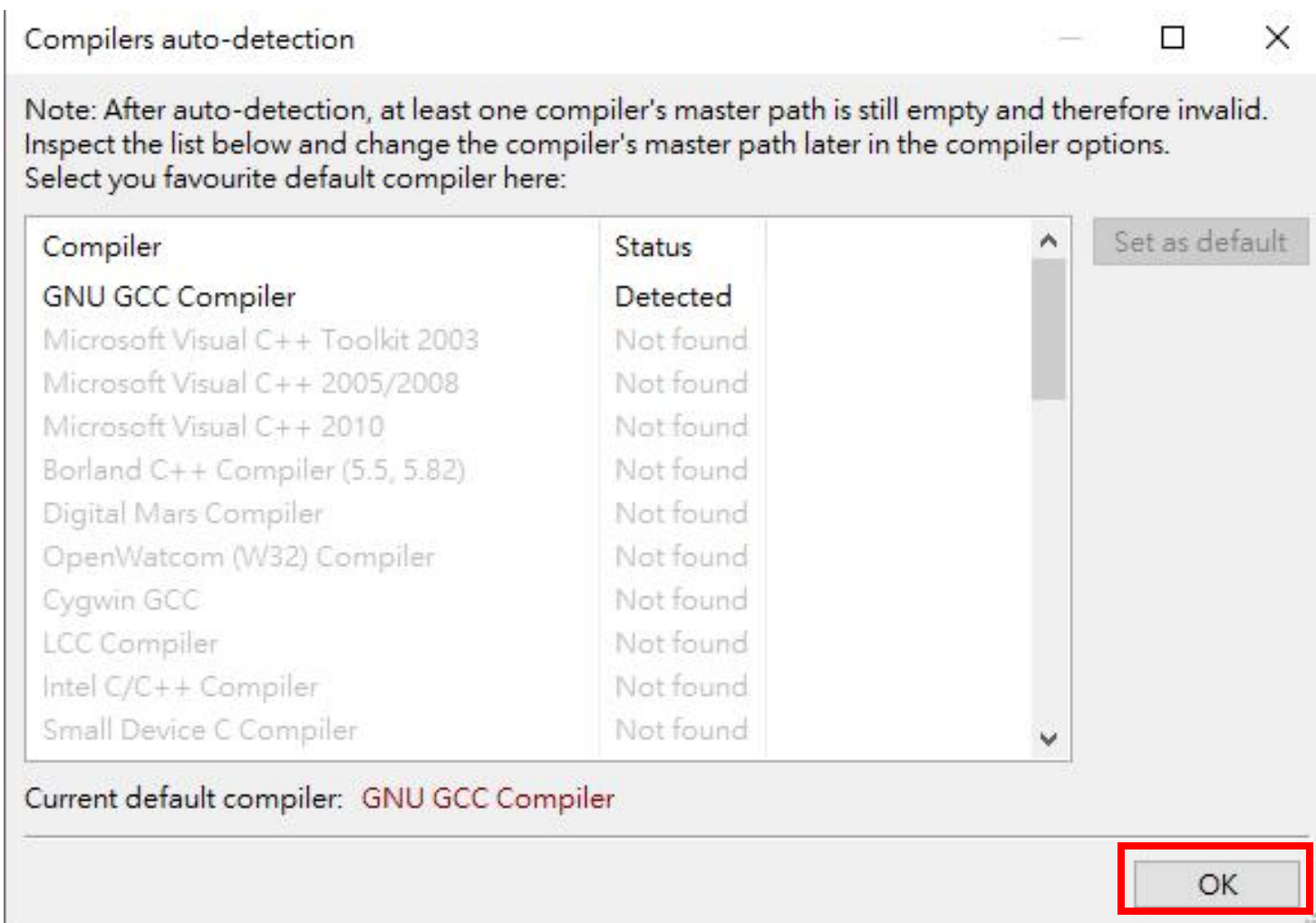
安裝步驟

- 安裝



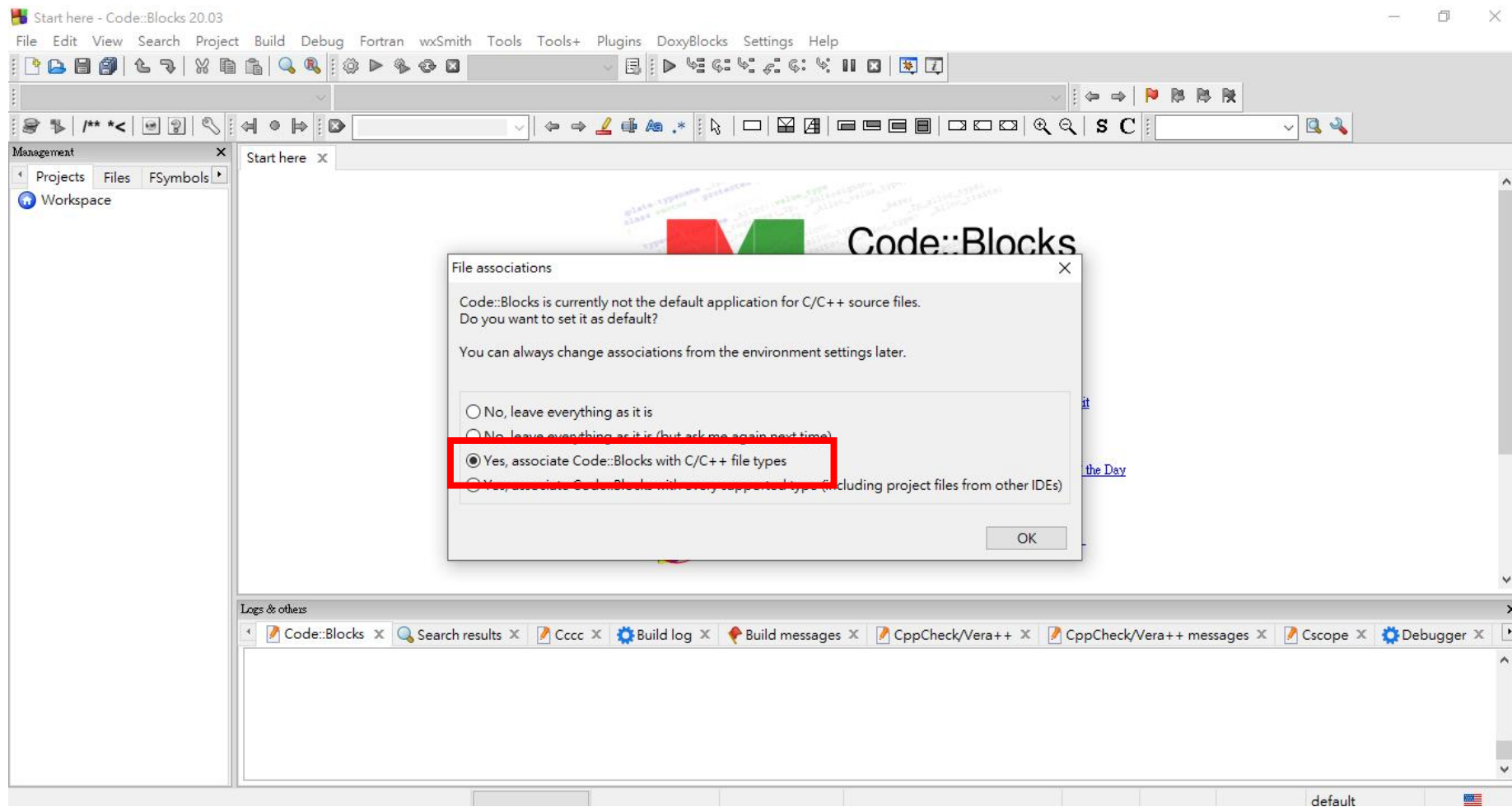
安裝步驟

- 安裝



安裝步驟

- 安裝





安裝完成！



介面說明

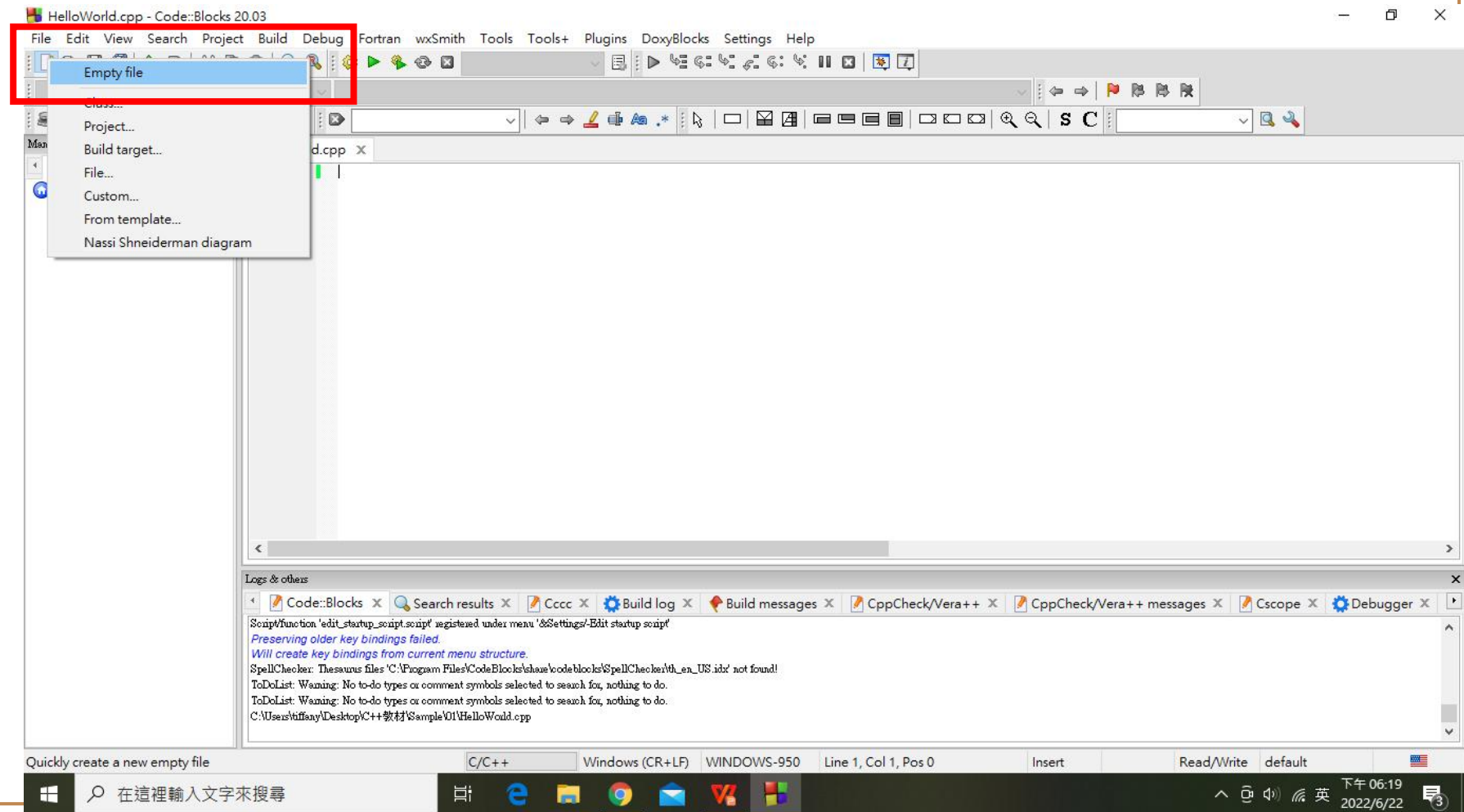
02

介面說明

- 新增檔案

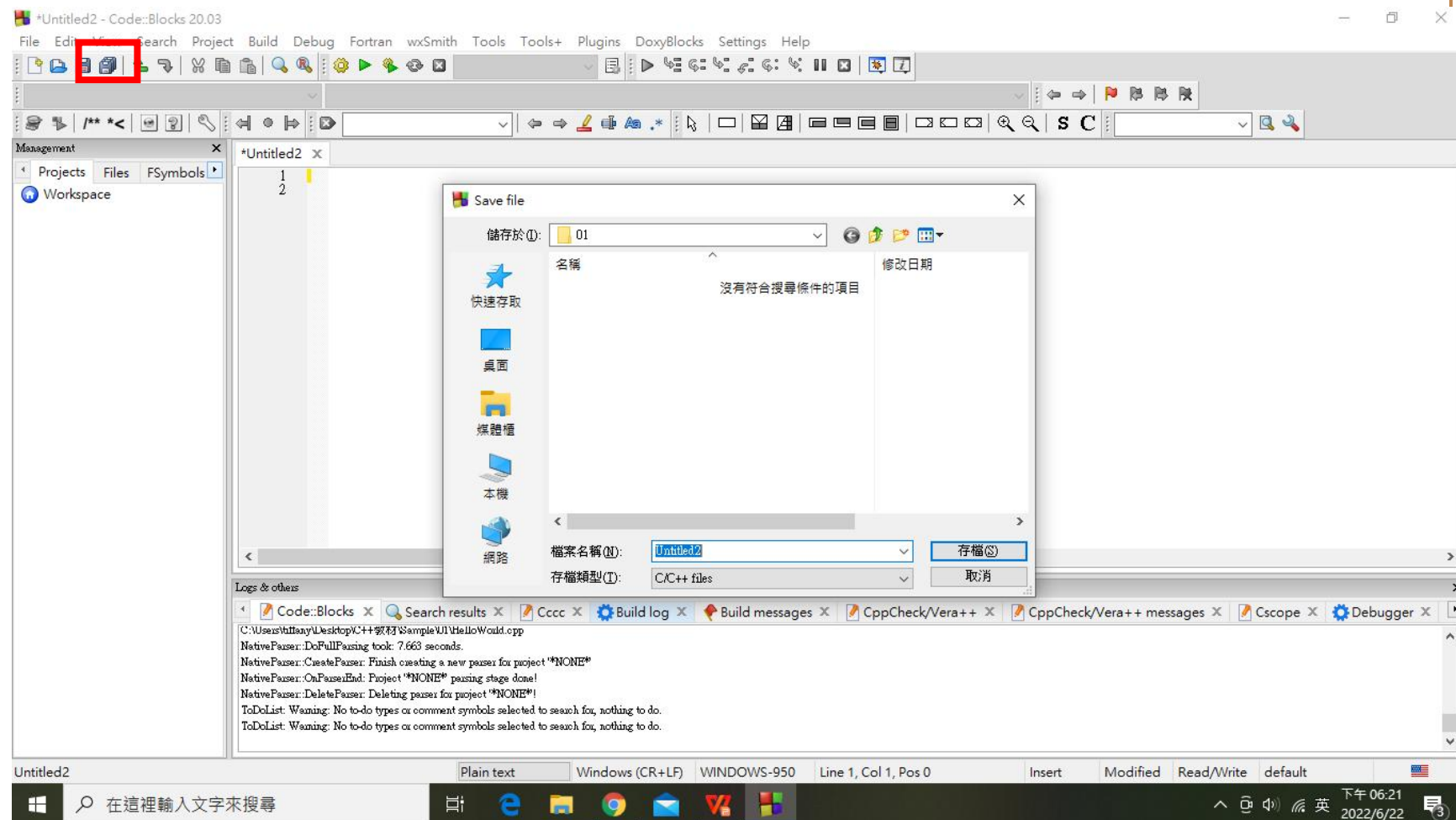
- 快捷鍵:

ctrl + shift + N



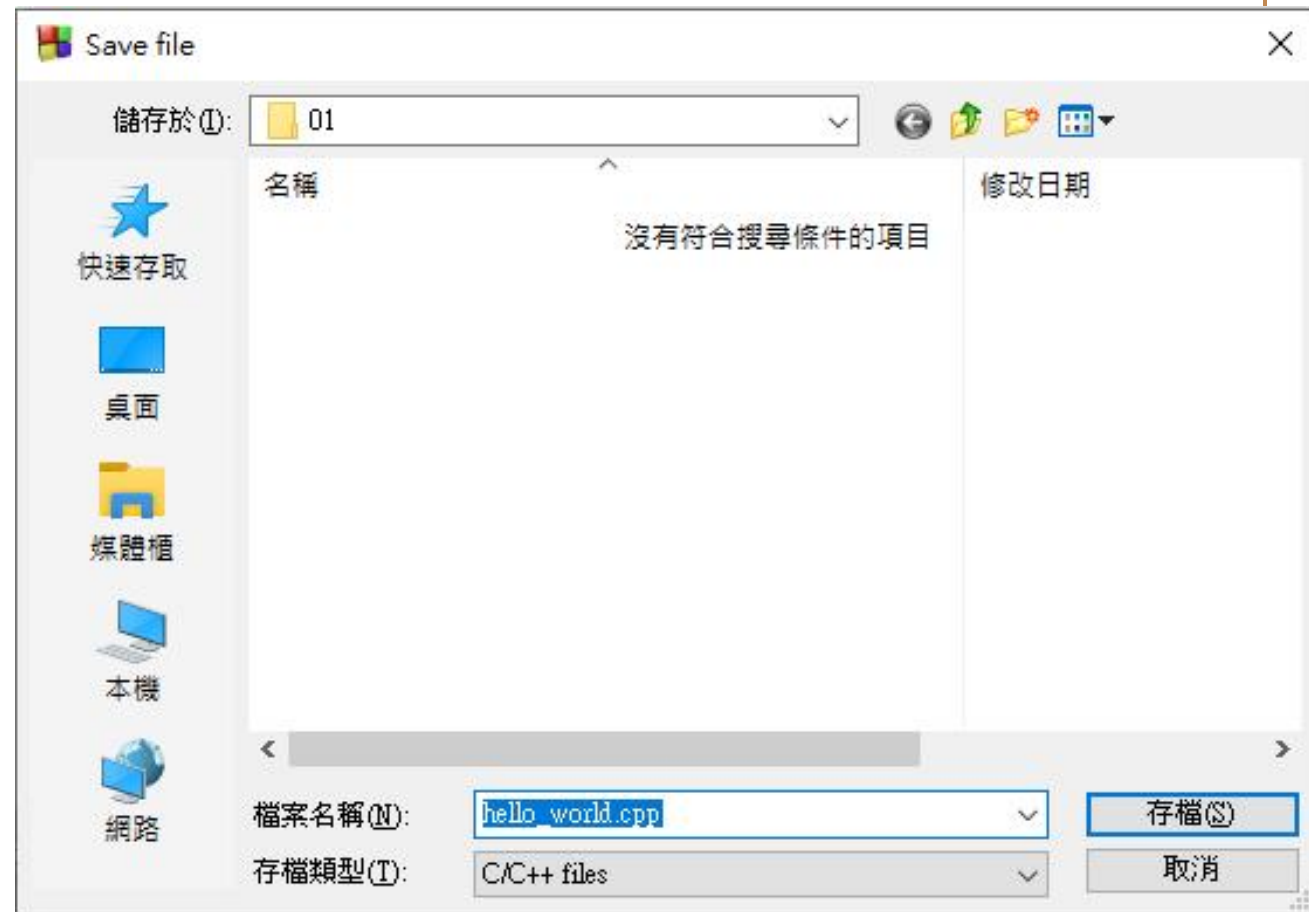
介面說明

- 儲存檔案:
- 快捷鍵: Ctrl + s



介面說明

- 儲存檔案
 - 檔名命名習慣：
 - 英文命名
 - 除了 _ ，盡量不要有其他特殊符號
 - 檔名可以盡量和內容相關
 - C++ 檔案的副檔名為 .cpp



介面說明

- 編譯、執行檔案

- 編譯

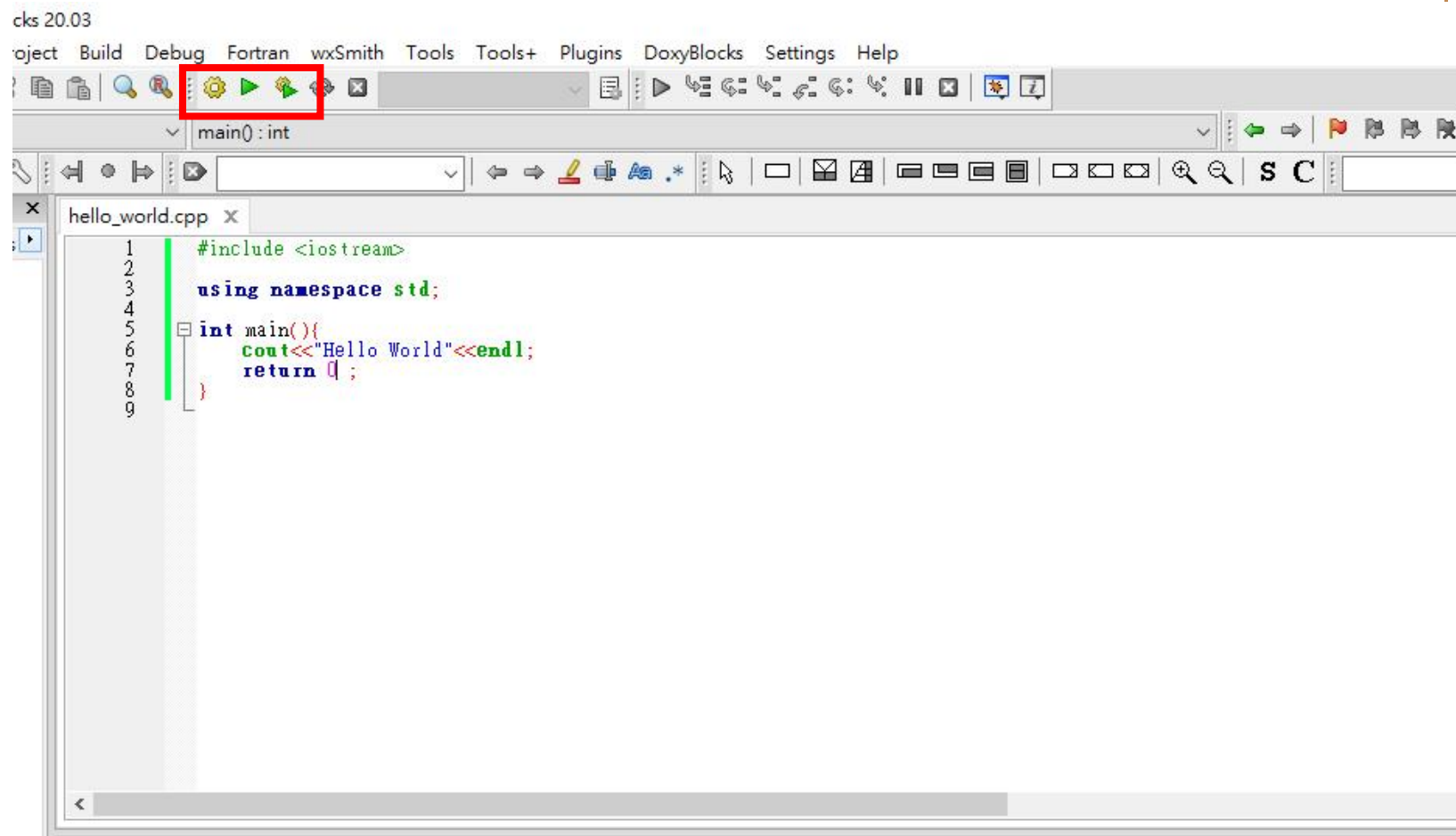
- 快捷鍵: Ctrl + F9

- 執行

- 快捷鍵: Ctrl + F10

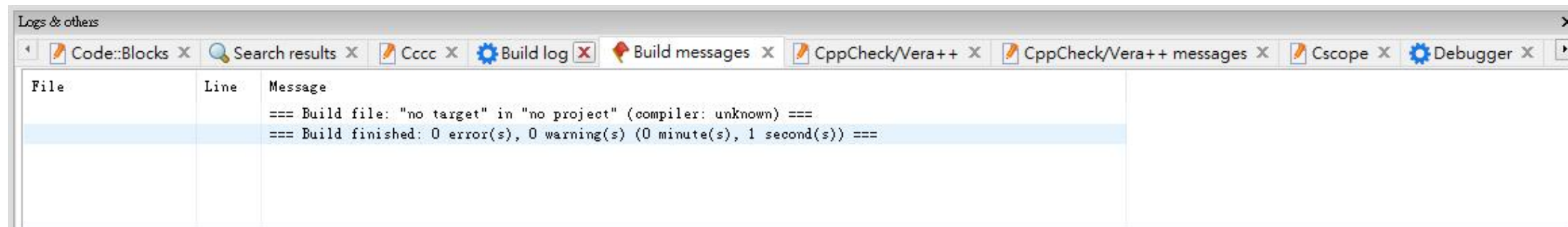
- 編譯並執行

- 快捷鍵: F9



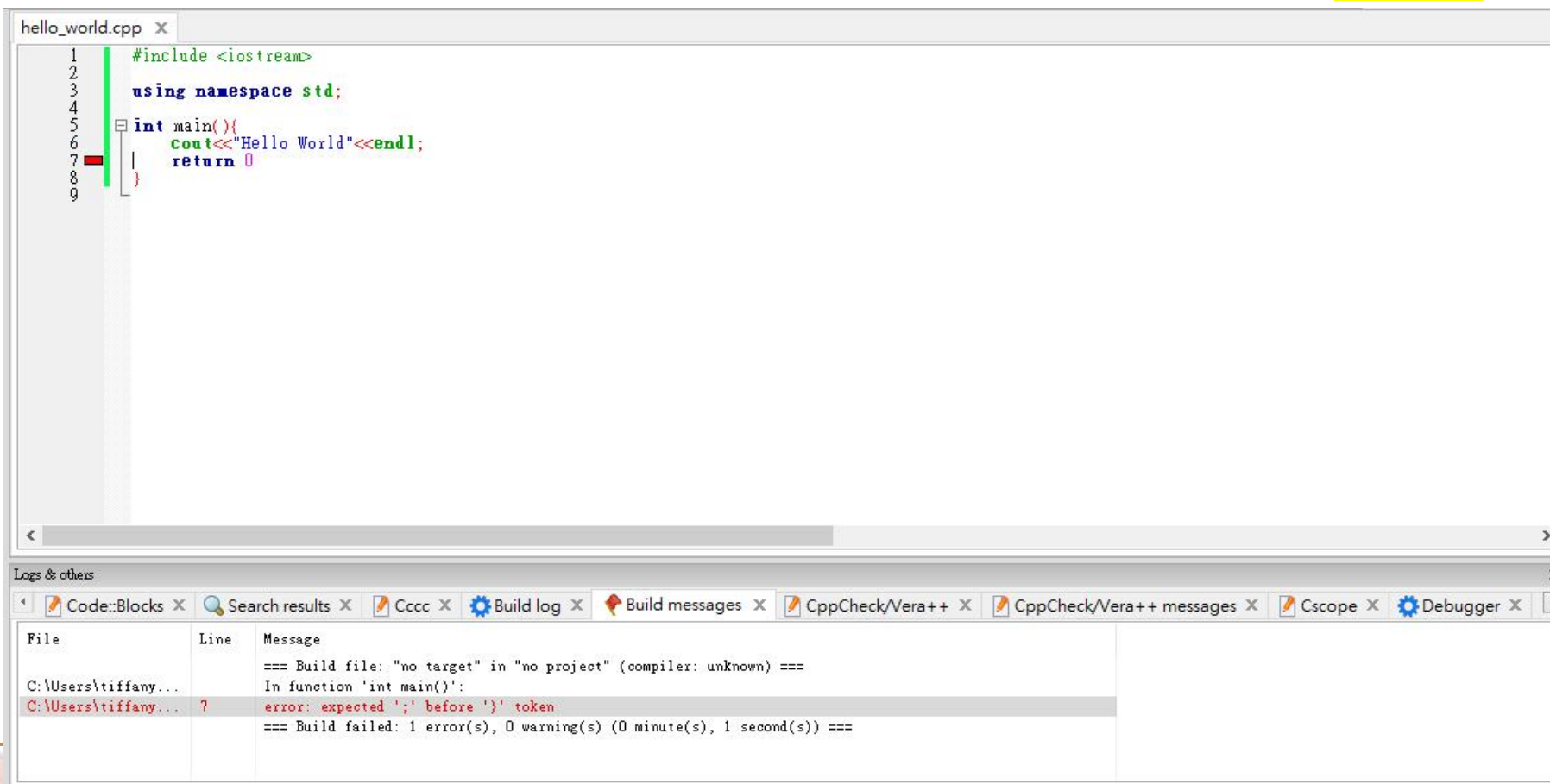
介面說明

- 如果編譯成功，可以看到下方 Build messages 區塊顯示: Build finished



介面說明

- 如果編譯不成功，可以看到下方 Build messages 區塊顯示：**錯誤**的提示訊息



The screenshot displays a code editor window titled 'hello_world.cpp' with the following C++ code:

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main(){
6     cout<<"Hello World"<<endl;
7     return 0;
8 }
9
```

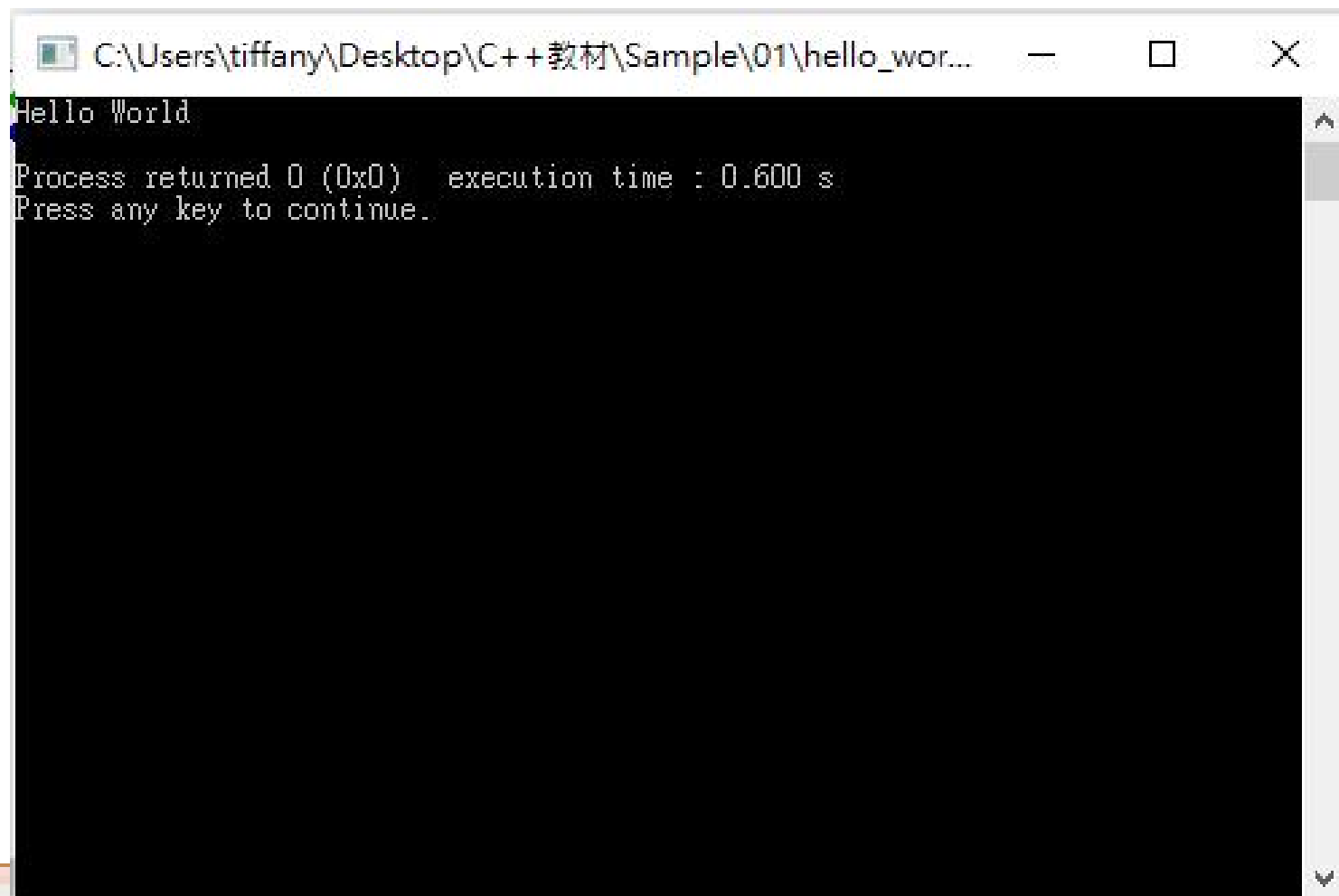
Below the code editor is a 'Logs & others' panel with several tabs. The 'Build messages' tab is active, showing the following output:

```
=== Build file: "no target" in "no project" (compiler: unknown) ===
In function 'int main()':
C:\Users\tiffany... 7 error: expected ';' before ')' token
=== Build failed: 1 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ===
```

The error message indicates a syntax error on line 7, where a semicolon is expected before the closing parenthesis of the return statement.

介面說明

- 執行：

A screenshot of a Windows command prompt window. The title bar shows the file path: C:\Users\tiffany\Desktop\C++教材\Sample\01\hello_wor... The window contains the following text: 'Hello World' on the first line, 'Process returned 0 (0x0) execution time : 0.600 s' on the second line, and 'Press any key to continue.' on the third line. The background of the command prompt is black, and the text is white. There is a vertical scrollbar on the right side of the window.

```
C:\Users\tiffany\Desktop\C++教材\Sample\01\hello_wor...  
Hello World  
Process returned 0 (0x0) execution time : 0.600 s  
Press any key to continue.
```

介面說明

- 產生的檔案:

- .o




- Object file

- 編譯產生的中間檔案

- .exe

- CodeBlocks 編譯產生的最終可執行檔

- 在一般情況下，可以直接執行 .exe 檔案 (附註 1)

 hello_world	2022/6/23 下午 03:05	C++ source file	1 KB
 hello_world	2022/6/23 下午 03:05	應用程式	56 KB
 hello_world.o	2022/6/23 下午 03:05	O 檔案	3 KB



附註 1

03

附註 1

- 有些情況下會出現 雙擊 .exe 檔執行出現錯誤，無法運行



由于找不到 libstdc++-6.dll，无法继续执行代码。重新安装程序可能会解决此问题。

确定

圖片來源:

<https://blog.csdn.net/honorzoey/article/details/115268912>

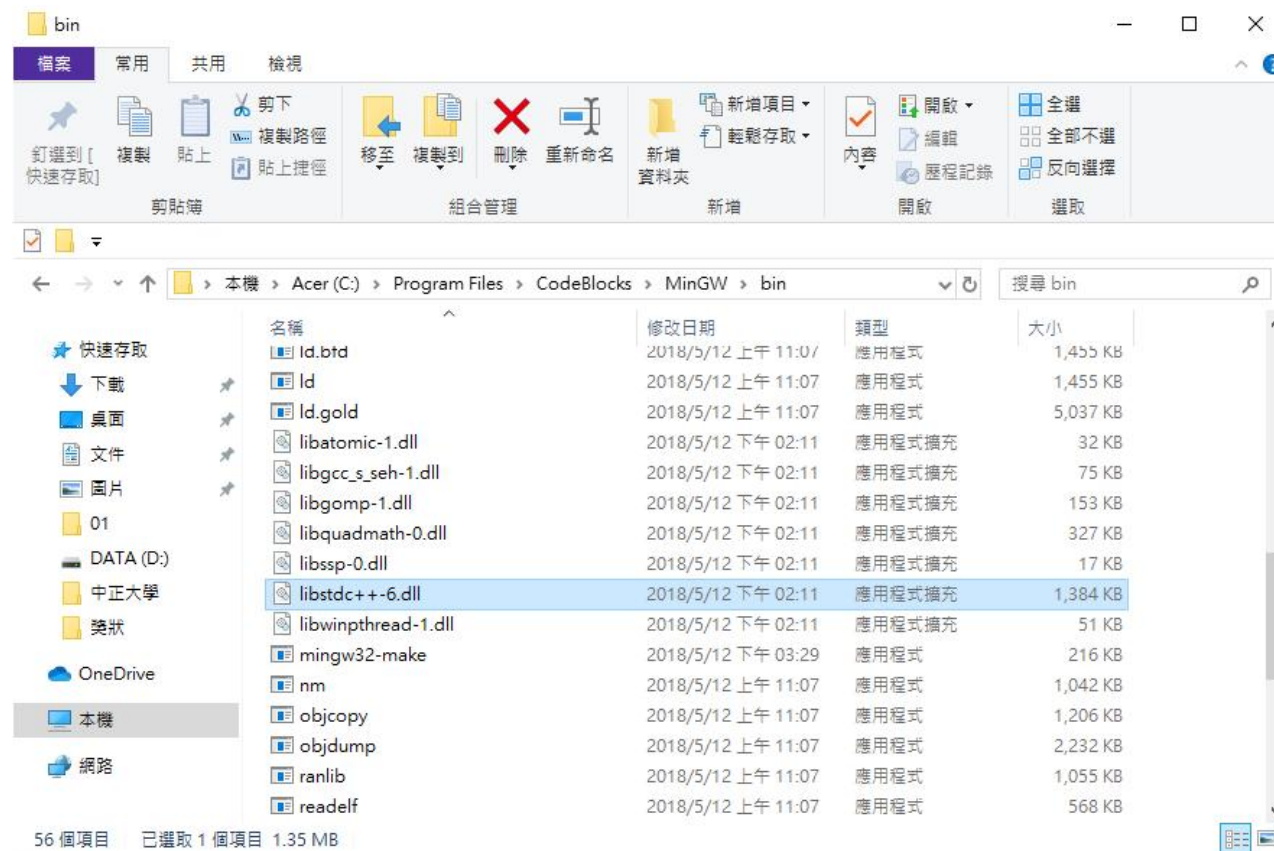
附註 1

- 原因:
 - 因為系統沒有自動將這個檔案移到環境變數中
 - 可能原因:
 - 系統比較舊
 - 或是安裝 CodeBlocks 時所設置的路徑不是預設的
- 解決:
 - 將此檔案手動添加至環境變數中

附註 1

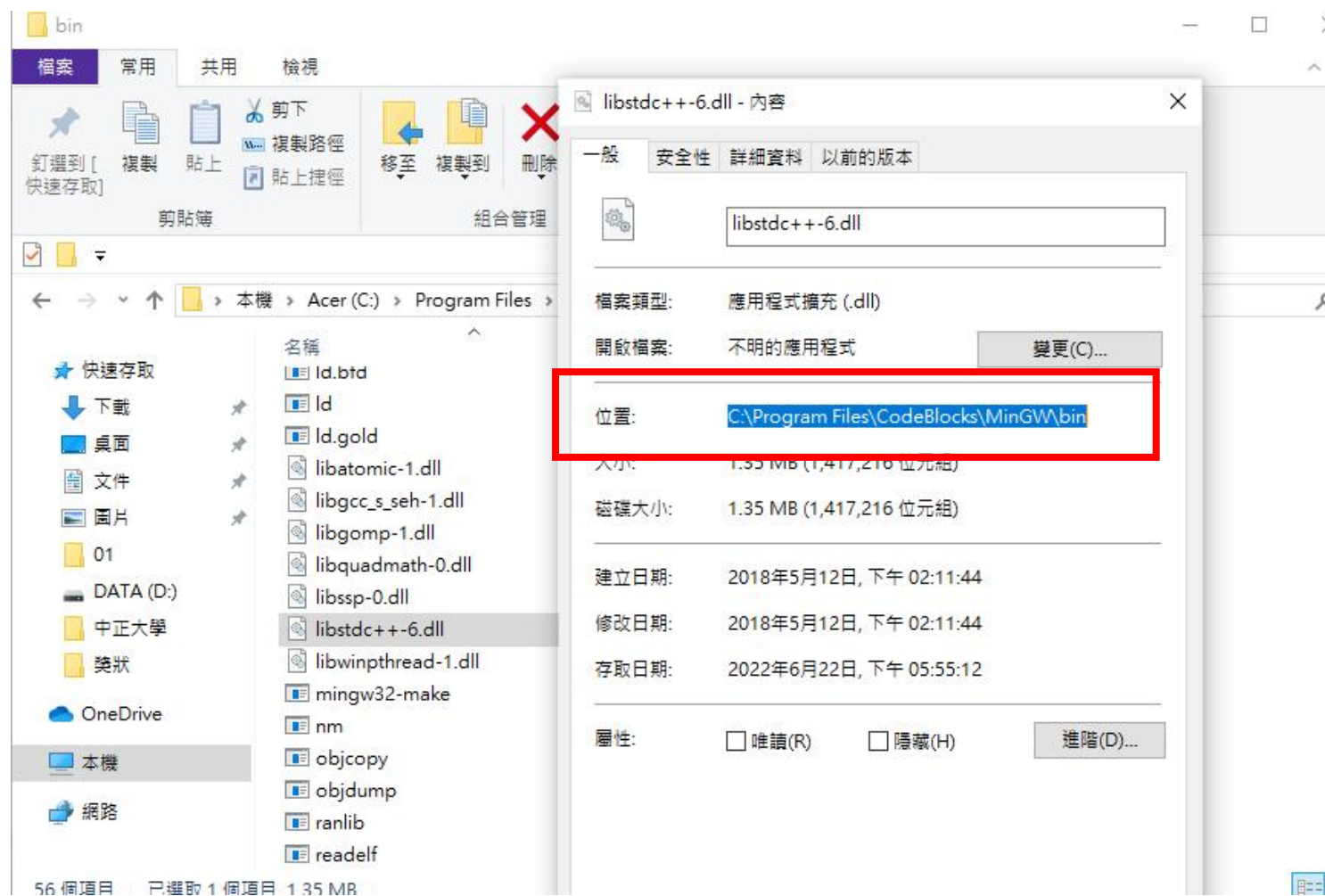
- 步驟 1

- 在安裝 CodeBlocks 的資料夾底下的 MinGW\bin 底下找到缺失的檔案
- e.g. C:\Program Files\CodeBlocks\MinGW\bin



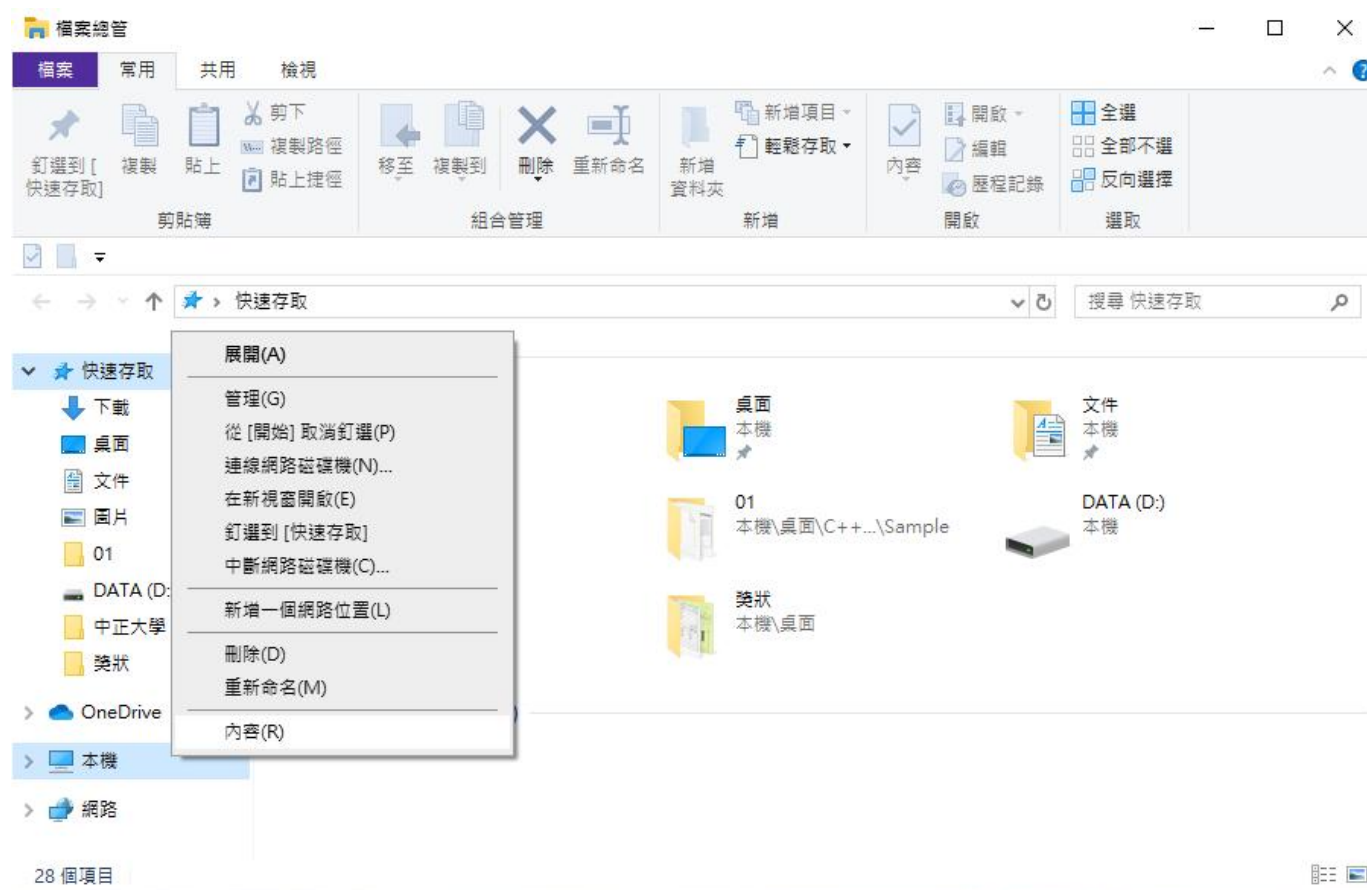
附註 1

- 步驟 2:
 - 右鍵 --> 內容
 - 複製檔案位置



附註 1

- 步驟 3.1:
 - 叫出系統環境設置
 - 點選檔案總管
 - 右鍵 本機 --> 內容

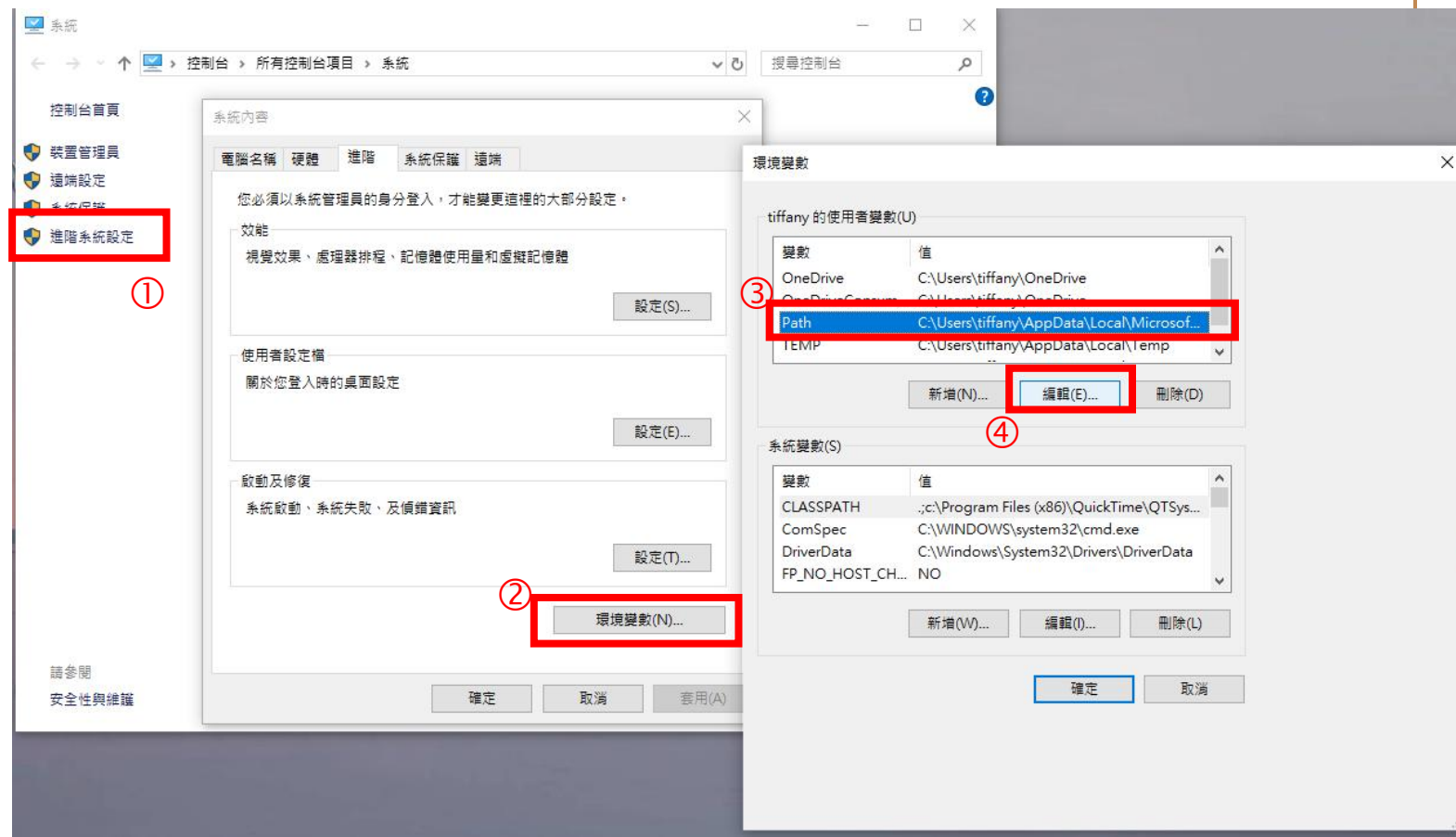


附註 1

- 步驟 3.2:

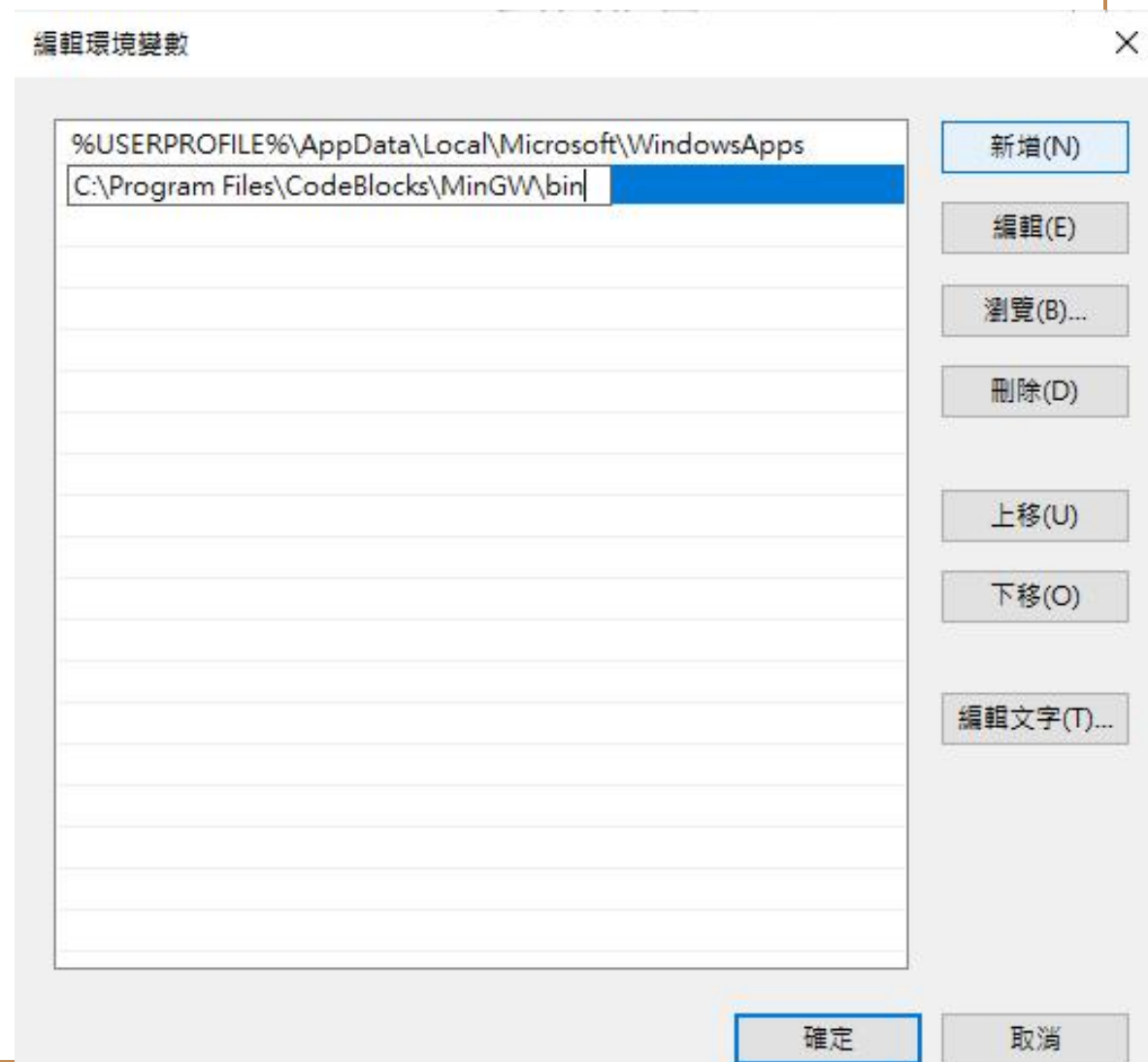
- 叫出系統環境設置

- 進階系統設定 --> 環境變數 --> 選取 使用者變數中的 Path --> 編輯



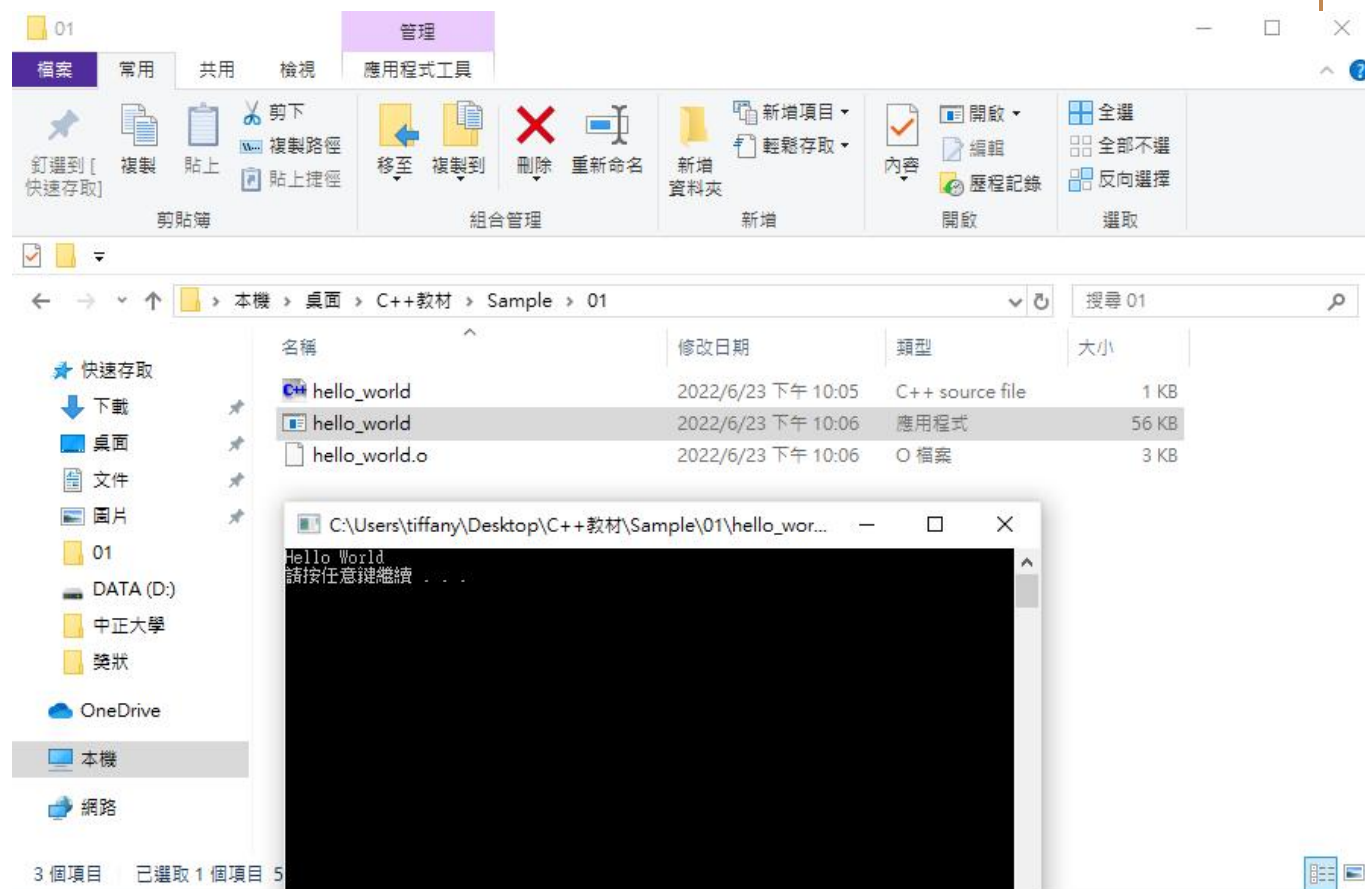
附註 1

- 步驟 4:
 - 將剛剛複製好的位置新增到 Path 中
 - 新增
 - 貼上剛剛附的位置
 - 確定
 - 將剛剛開起的每一個有確定按鈕的視窗都按「確定」



附註 1

- 執行:
 - 這樣就可以直接執行 .exe 檔了





THE END