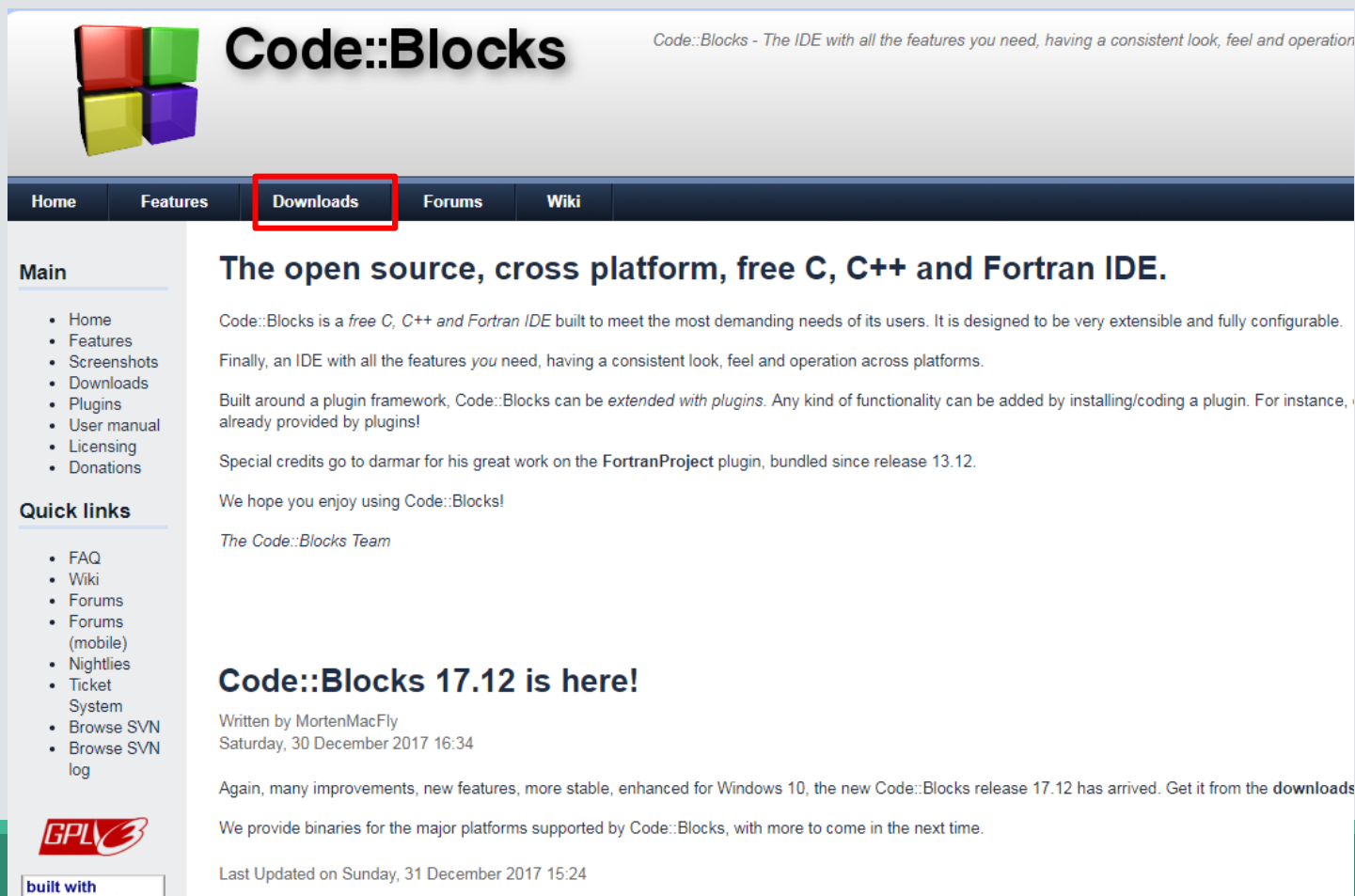



C++ 程式設計

環境介紹

CodeBlocks下載安裝

下載網址：<http://www.codeblocks.org/>



 **Code::Blocks** Code::Blocks - The IDE with all the features you need, having a consistent look, feel and operation

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The open source, cross platform, free C, C++ and Fortran IDE.

Code::Blocks is a *free C, C++ and Fortran IDE* built to meet the most demanding needs of its users. It is designed to be very extensible and fully configurable. Finally, an IDE with all the features you need, having a consistent look, feel and operation across platforms.

Built around a plugin framework, Code::Blocks can be *extended with plugins*. Any kind of functionality can be added by installing/coding a plugin. For instance, already provided by plugins!

Special credits go to dammar for his great work on the **FortranProject** plugin, bundled since release 13.12.

We hope you enjoy using Code::Blocks!

The Code::Blocks Team


Code::Blocks 17.12 is here!

Written by MortenMacFly
Saturday, 30 December 2017 16:34

Again, many improvements, new features, more stable, enhanced for Windows 10, the new Code::Blocks release 17.12 has arrived. Get it from the **downloads**

We provide binaries for the major platforms supported by Code::Blocks, with more to come in the next time.

Last Updated on Sunday, 31 December 2017 15:24

 **built with**

CodeBlocks下載安裝

Download the binary release

Downloads

There are different ways to download and install Code::Blocks on your computer:

- **Download the binary release**

This is the easy way for installing Code::Blocks. Download the setup file, run it on your computer and Code::Blocks will be installed any easier than that!

- **Download a nightly build:** There are also more recent so-called *nightly builds* available in the **forums** or (for Debian) and **Jens' Fedora repository**. Other distributions usually follow provided by the community (Big "Thank you" for that! They be *stable*, usually, unless stated otherwise.

- **Download the source code**

If you feel comfortable building applications from source, then this is the recommend way to download Code::Blocks. Downloading the source code puts you in great control and also makes it easier for you to update to newer versions or, even better, create patches for bugs and send them to the community so everyone benefits.

- **Retrieve source code from SVN**

This option is the most flexible of all but requires a little bit more work to setup. It gives you that much more flexibility though you have to do at the time we do it. No need to wait for the next stable release to benefit from bug-fixes!

Besides Code::Blocks itself, you can compile extra plugins from contributors to extend its functionality.

CodeBlocks下載安裝

下載Windows作業系統版本(含mingw)

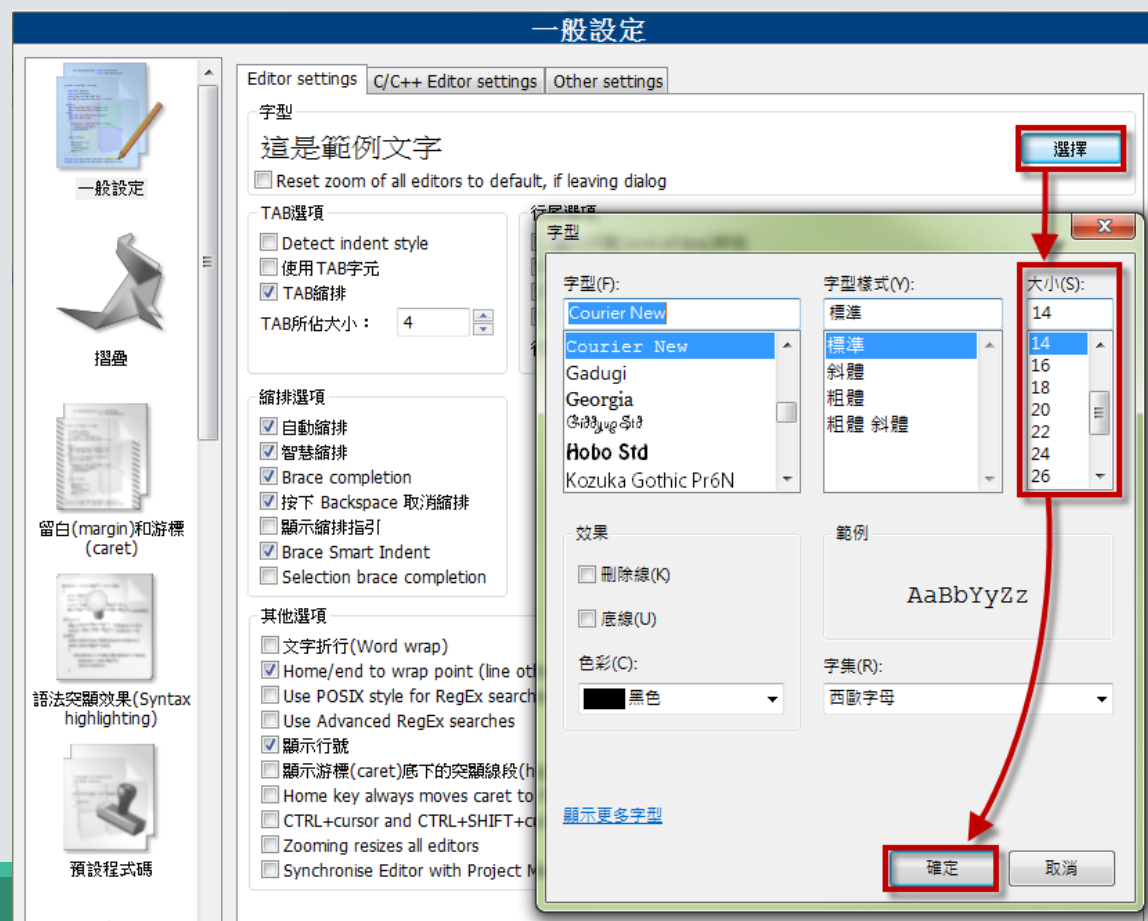


Windows XP / Vista / 7 / 8.x / 10:

File	Date	Download from
codeblocks-17.12-setup.exe	30 Dec 2017	Sourceforge.net
codeblocks-17.12-setup-nonadmin.exe	30 Dec 2017	Sourceforge.net
codeblocks-17.12-nosetup.zip	30 Dec 2017	Sourceforge.net
codeblocks-17.12mingw-setup.exe	30 Dec 2017	Sourceforge.net
codeblocks-17.12mingw-nosetup.zip	30 Dec 2017	Sourceforge.net
codeblocks-17.12mingw_fortran-setup.exe	30 Dec 2017	Sourceforge.net

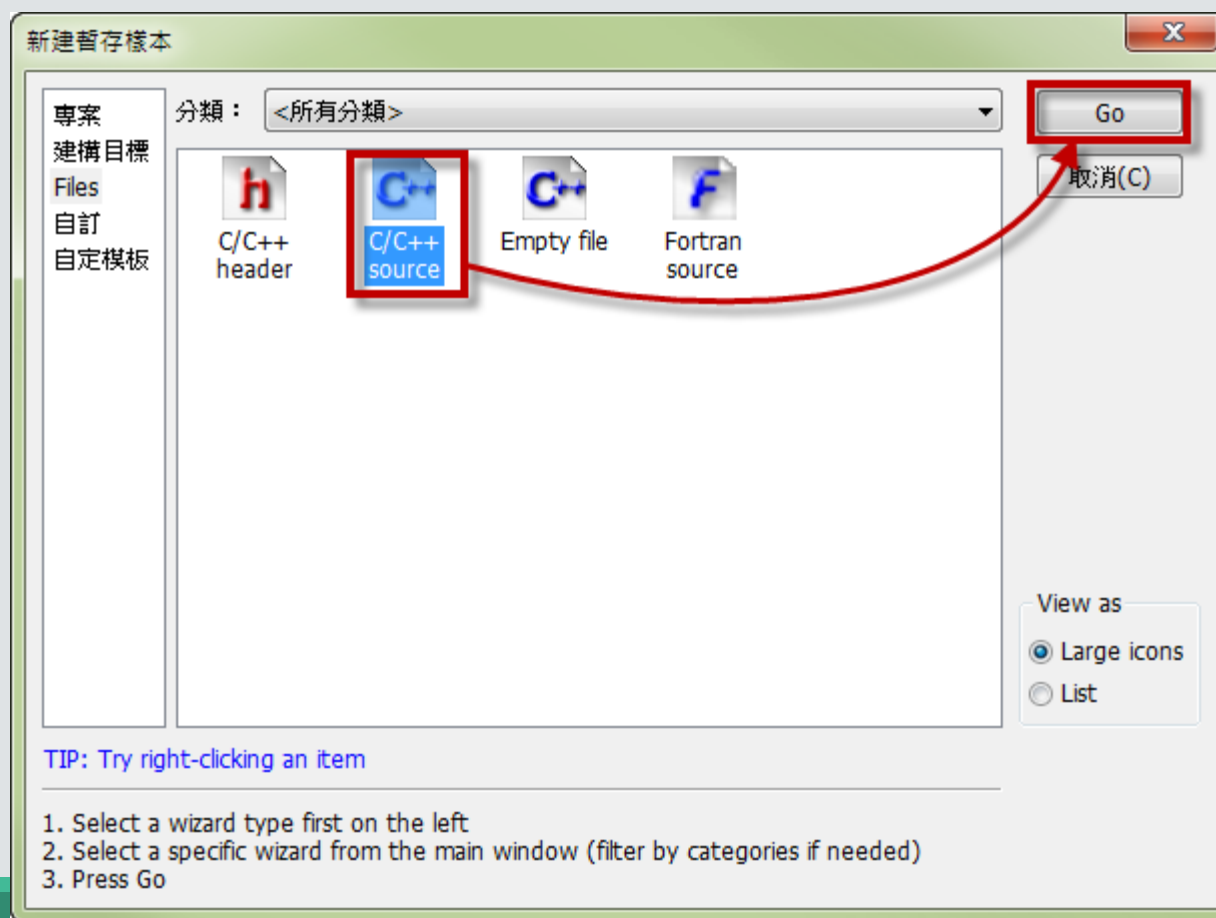
字體大小

Settings→ Editor→ General settings→ Editor settings→ Font→ Choose (或Ctrl+滑鼠滾輪)



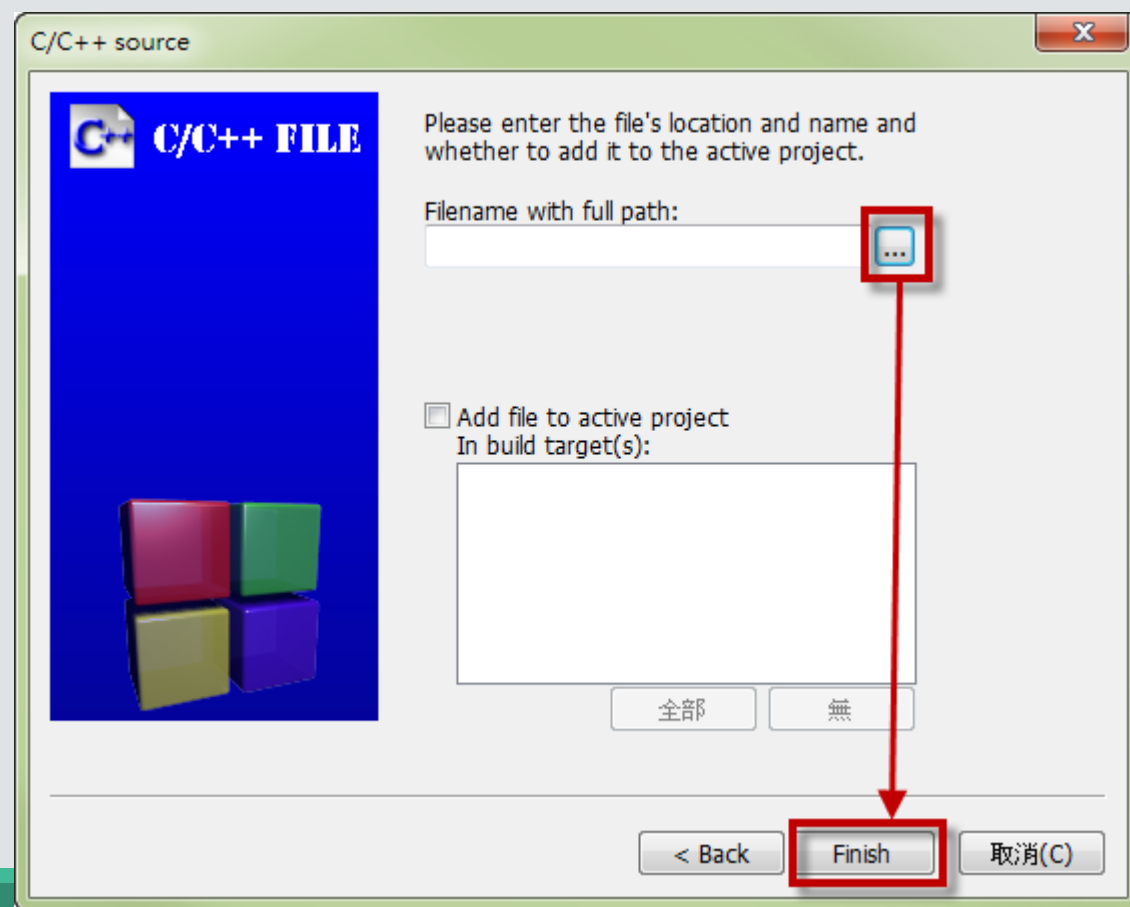
新增程式

File→ New→ File→ C/C++ source→ Go



新增程式

Next→ Next→ 選取要放檔案的路徑、設定檔名→ Finish



Hello World!

```
#include <iostream>
```

```
using namespace std;
```

```
int main()
```

```
{
```

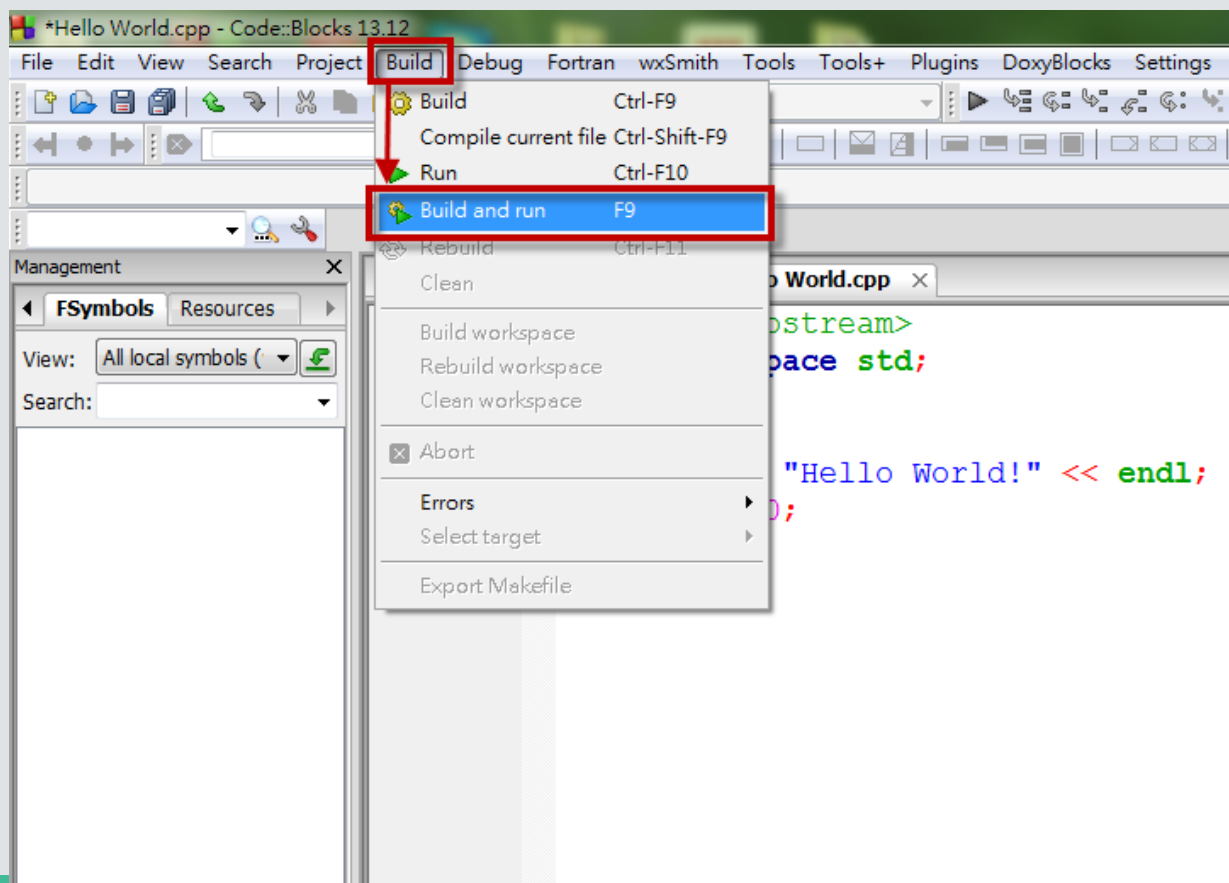
```
    cout << "Hello World!" << endl;
```

```
    return 0;
```

```
}
```

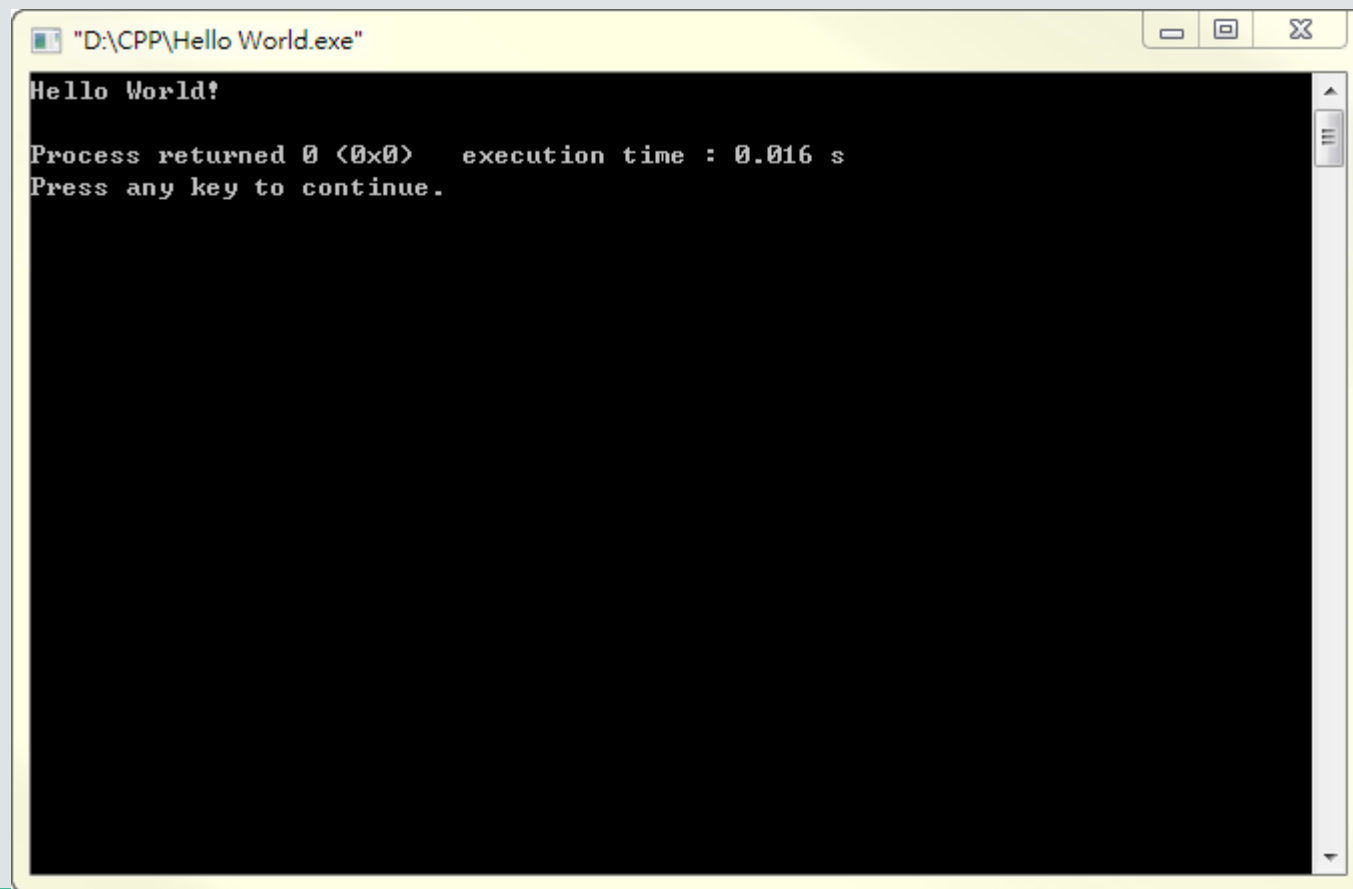

執行

Build→ Build and run (F9)



執行

執行結果



```
"D:\CPP\Hello World.exe"
Hello World!
Process returned 0 (0x0)   execution time : 0.016 s
Press any key to continue.
```

偵錯

查看錯誤行號及錯誤訊息

The screenshot shows a C++ IDE with a file named 'Hello World.cpp' open. The code is as follows:

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

The line number 6 is highlighted with a red box. Below the code editor, the 'Logs & others' panel is visible, showing the 'Build messages' tab. The error message is:

```
File      Line  Message
D:\CPP\Hello World.cpp      In function 'int main()':
D:\CPP\Hello World.cpp      6      error: expected ';' before 'return'
==== Build failed: 1 error(s), 0 warning(s) (0 minute(s), 0 second(s)) ====
```

The error message is also highlighted with a red box. The status bar at the bottom indicates 'Unix (LF)', 'WINDOWS-950', and 'Line 6, Column 1'.

練習

Hello World!