

# How to use Code::Blocks

# An ancient method

- \* One day, someone executes the windows Notepad...

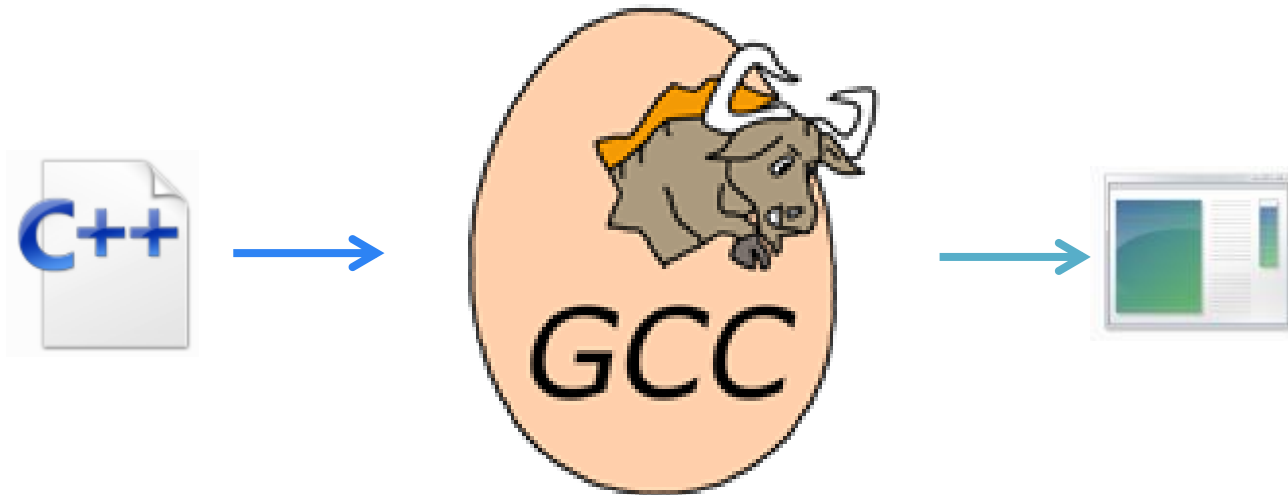
A screenshot of a Windows Notepad window titled "未命名 - 記事本". The menu bar includes "檔案(F)", "編輯(E)", "格式(O)", "檢視(V)", and "說明(H)". The text content is a C program snippet:

```
#include <stdio.h>

int main() {
    printf("Hello worl
```

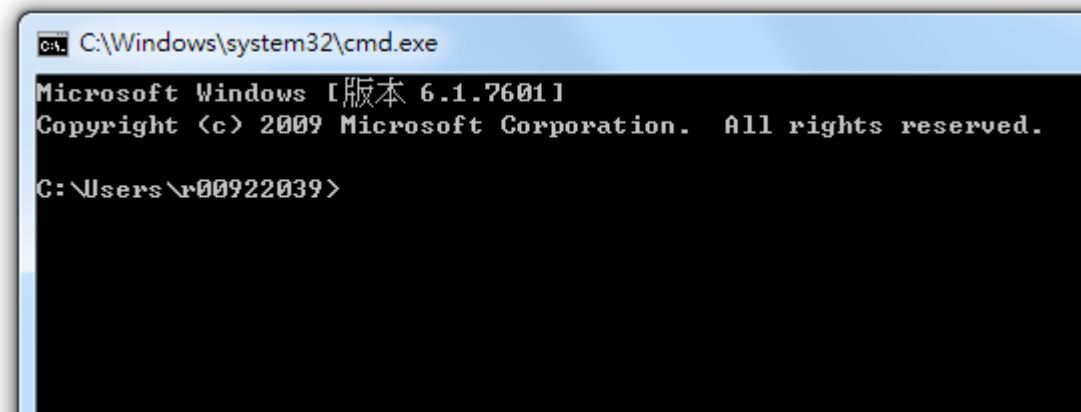
# An ancient method

- \* Download a “compiler” (which called `gcc`)...



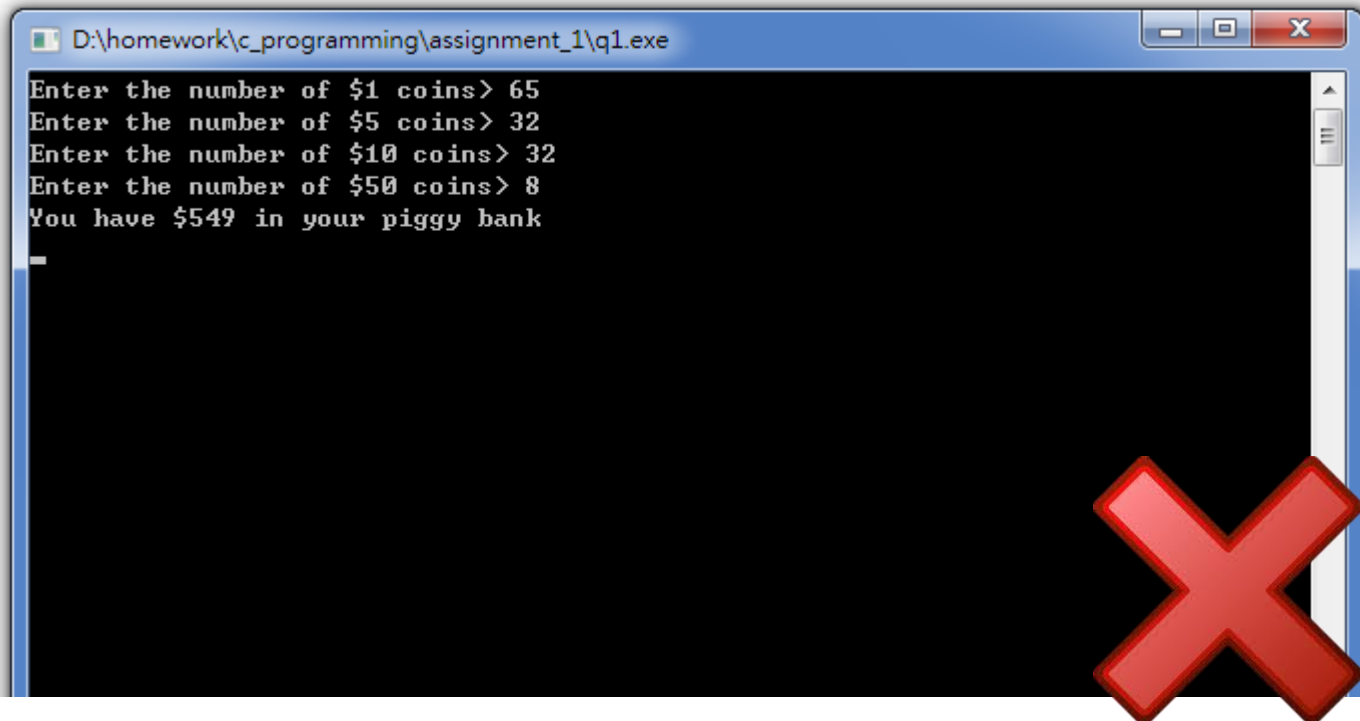
# An ancient method

- \* Launch windows command console...
- \* Types “gcc helloworld.cpp -o helloworld.exe”

A screenshot of a Windows Command Prompt window. The title bar reads 'C:\Windows\system32\cmd.exe'. The main content area is black with white text. It displays the following text: 'Microsoft Windows [版本 6.1.7601]', 'Copyright (c) 2009 Microsoft Corporation. All rights reserved.', and 'C:\Users\r00922039>'. The cursor is positioned at the end of the last line.

# An ancient method

- \* Then execute... Oh no! mistake!

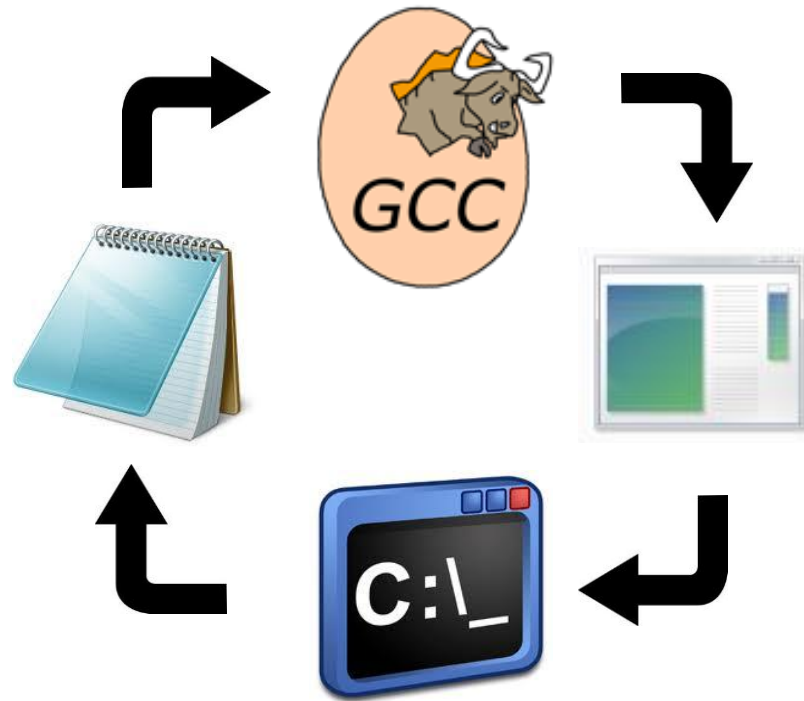


```
D:\homework\c_programming\assignment_1\q1.exe
Enter the number of $1 coins> 65
Enter the number of $5 coins> 32
Enter the number of $10 coins> 32
Enter the number of $50 coins> 8
You have $549 in your piggy bank
```

A screenshot of a Windows command prompt window. The title bar shows the file path "D:\homework\c\_programming\assignment\_1\q1.exe". The window contains the following text: "Enter the number of \$1 coins> 65", "Enter the number of \$5 coins> 32", "Enter the number of \$10 coins> 32", "Enter the number of \$50 coins> 8", and "You have \$549 in your piggy bank". A large, semi-transparent red 'X' is overlaid on the bottom right corner of the window, indicating an error or a mistake.

# An ancient method

- \* And then go through this cycle many times until the program outputs correct answer...



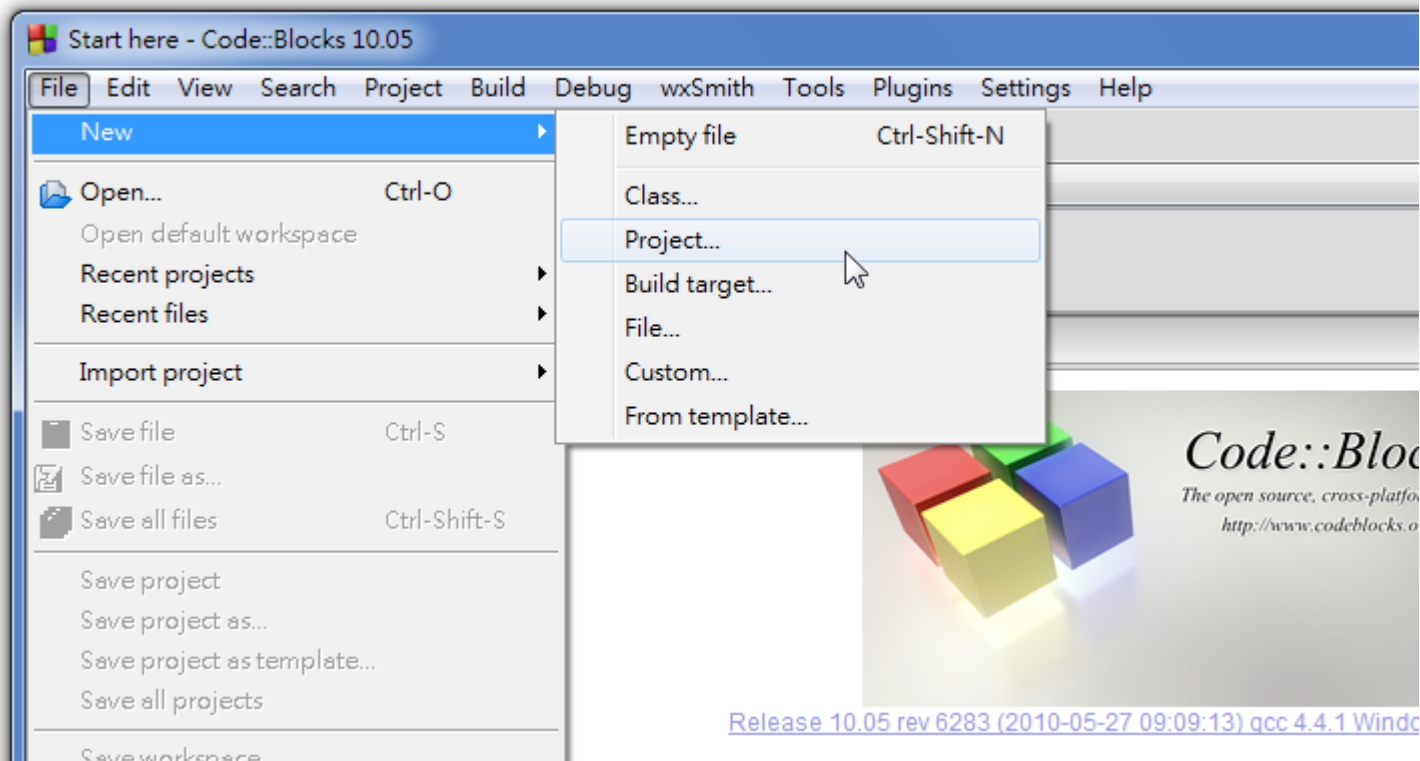
# A modern method

- \* Code::Blocks makes programming not so difficult!



# A modern method

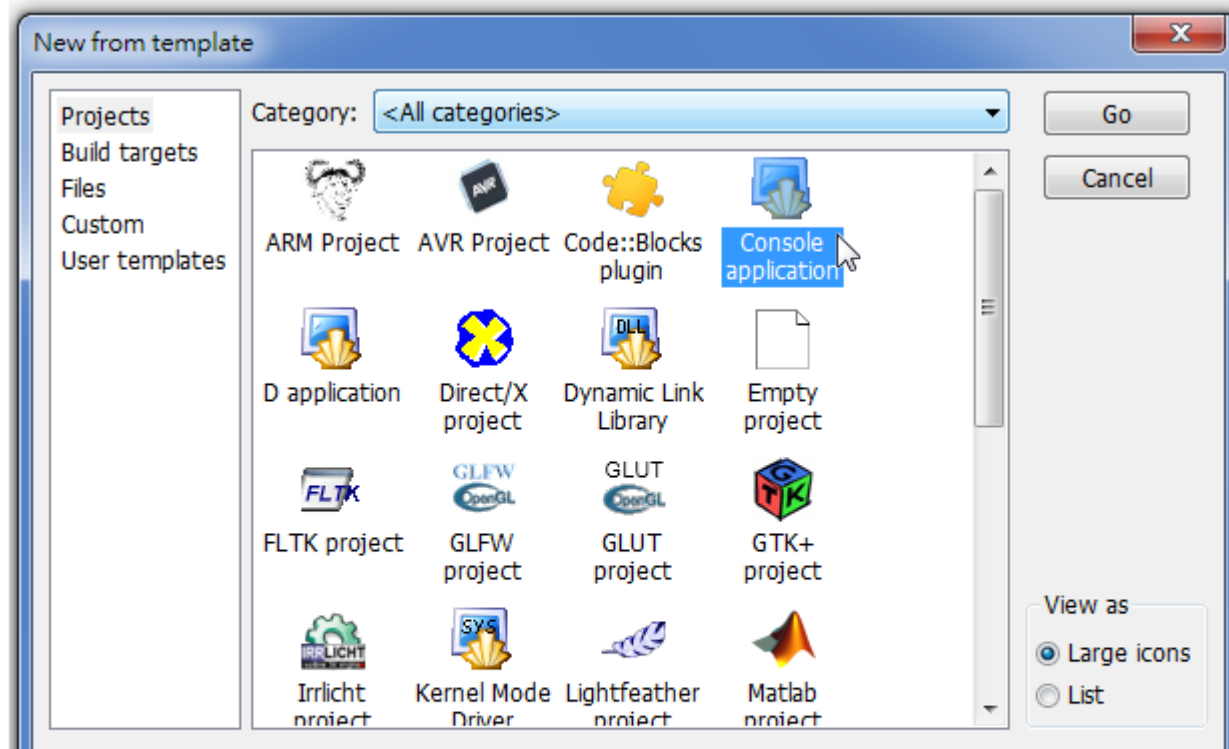
- \* 1. [File] -> [New] -> [Project]





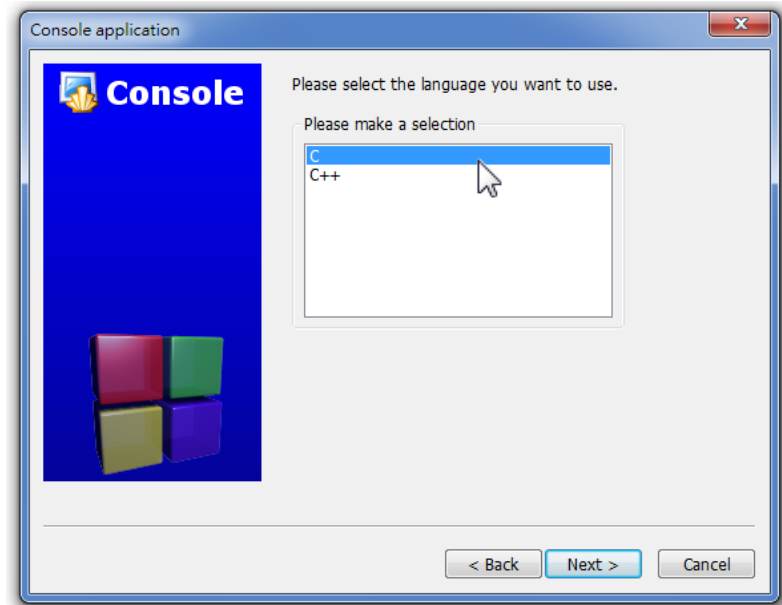
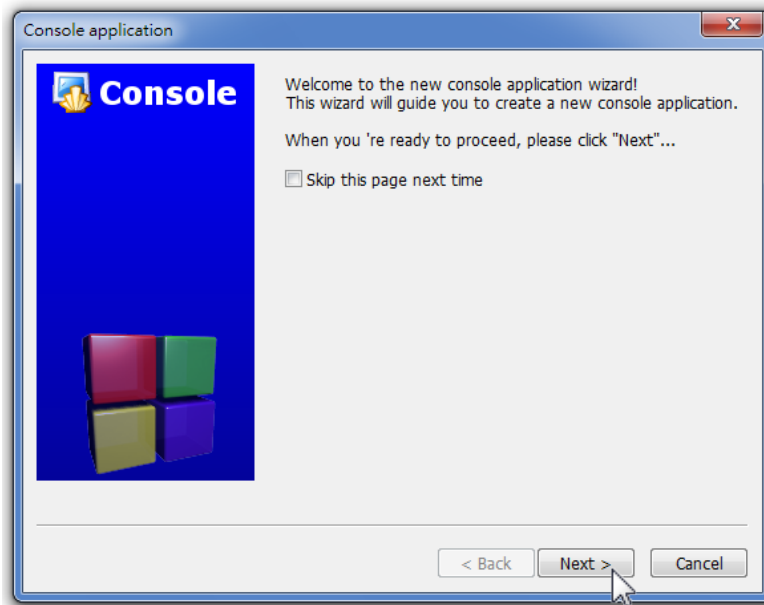
# A modern method

## \* 2. [Console application]



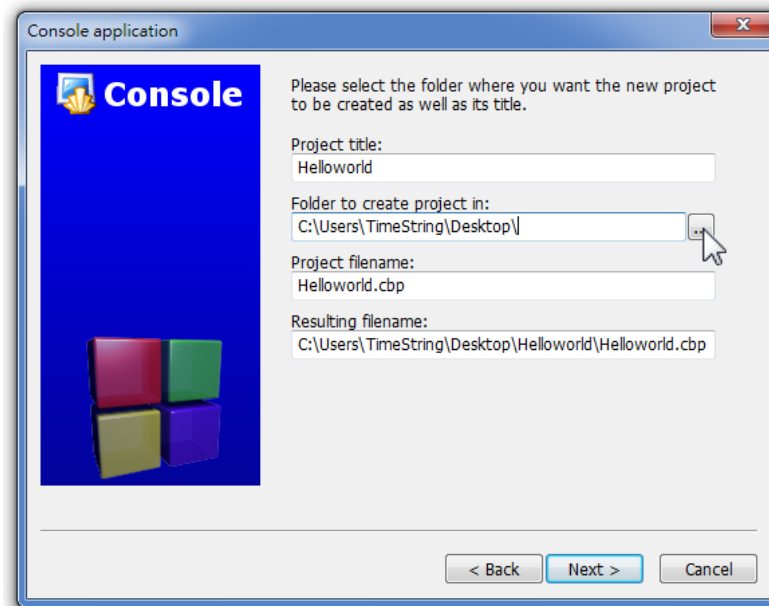
# A modern method

\* 3. [Next] -> [choose C] -> [Next]



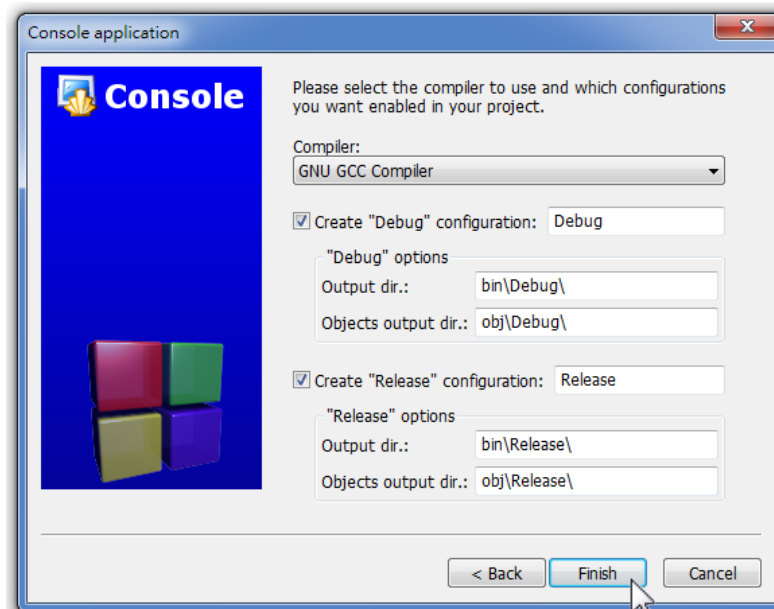
# A modern method

- \* 4. [Project title] -> [Folder path] -> [Next]  
**This is the most important step!!!**



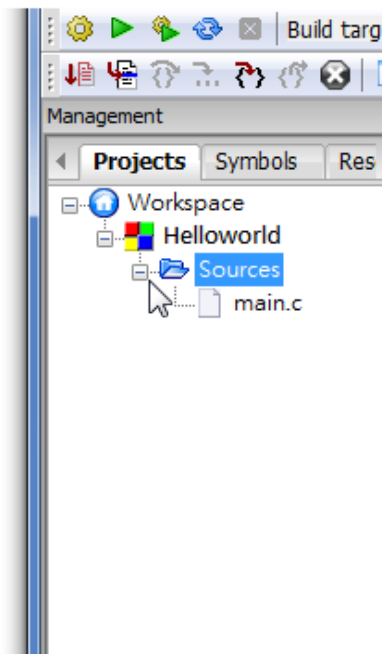
# A modern method

## \* 5. [Finish]



# A modern method

- \* 6. [open Sources] -> [double click main.c]



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

# A modern method

- \* 7. Must click [Build and Run]!!  
Don't click the left button [Run], something bad will happen!

