實驗項目-C語言的條件運算

一、 本節目的:

- 學習開發 C 語言程式
- 實現在 Visual Studio 2017 系統設計平台上

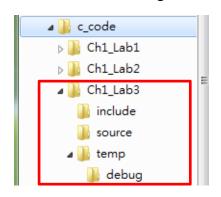
二、 設計重點:

● C語言的條件式應用

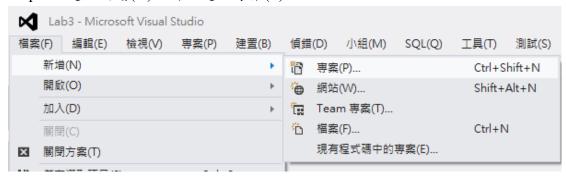
三、 設計步驟:

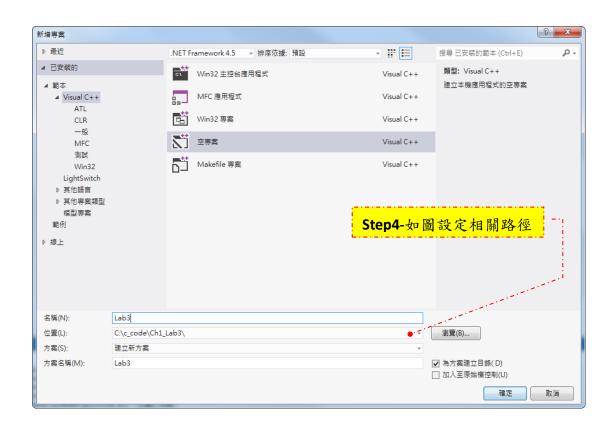
1. 建立新的空專案

Step1-在 C:\c_code 資料夾內新增名為 "Ch1_Lab3" 的資料夾,再於 Ch1_Lab3 資料夾內分別建立 include、source、temp 等資料夾,建立後需要在 temp 資料夾內新增名為 "debug"的資料夾,建立完成後如下圖

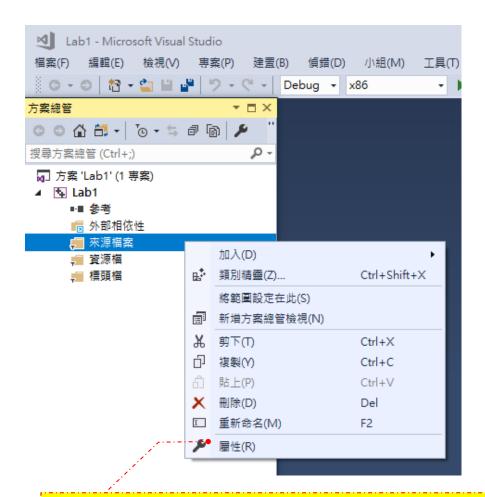


Step2-開啟 Microsoft Visual Studio 視窗畫面後點選左上角 "開始(F)" Step3-點選 "新增(N)" 再點選 "專案(P)"





2. 路徑設定、新增 .c 檔

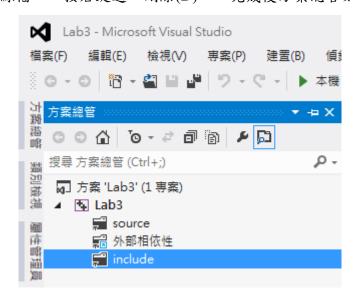


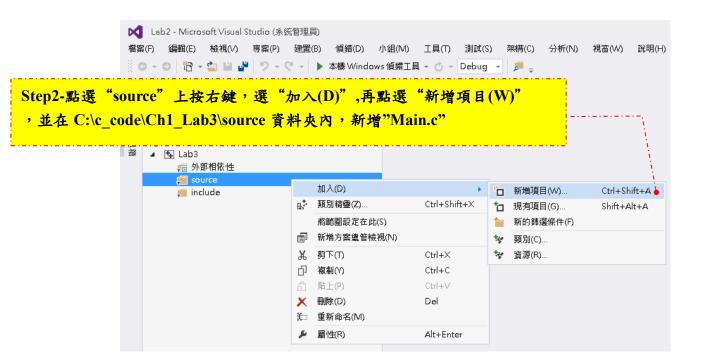
 Step1-在左上角 "方案總管"欄 Lab3 裡, "來源檔案"上按右鍵,選

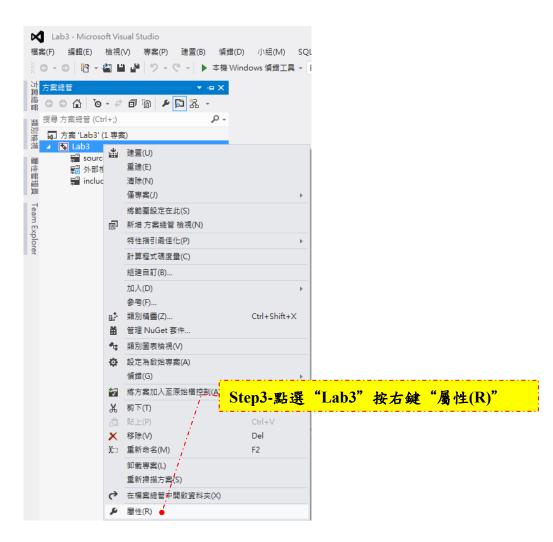
 "重新命名(M)",命名為 "source" ,再將 "標頭檔" 重新命名為

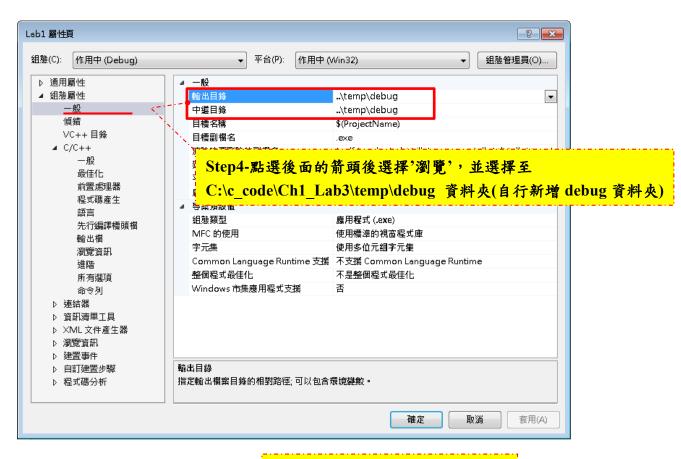
 "include"

點選"資源檔",按右鍵選"刪除(D)",完成後方案總管如下圖

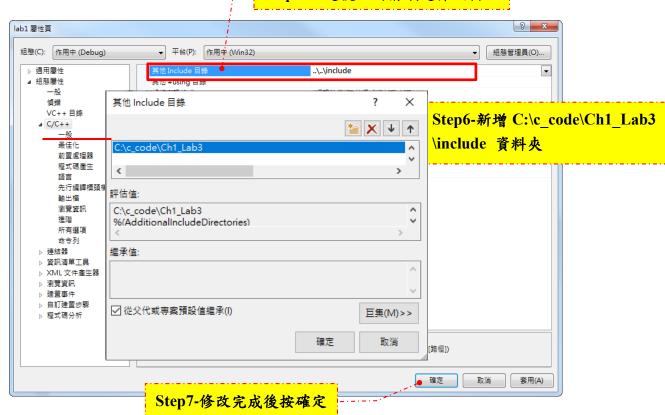




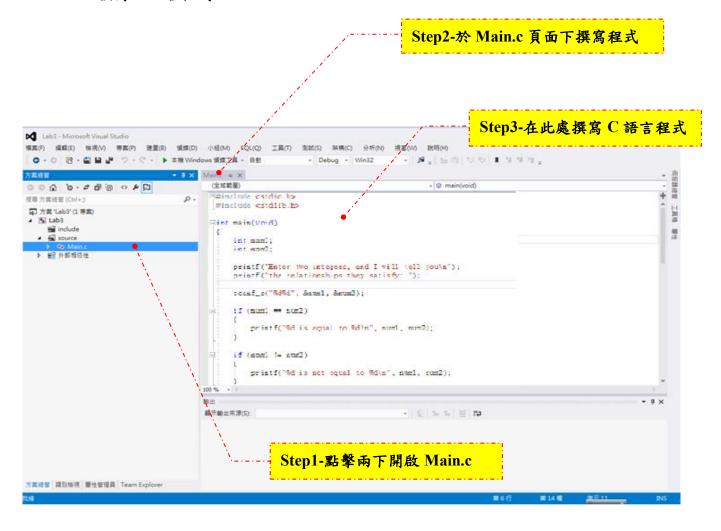




Step5-點選後面的箭頭選擇編輯



3. 撰寫 C 語言程式



Main.c 程式碼:

```
∃#include <stdio.h>
       #include <stdlib.h>
 2
3
4
     ⊟int main(void)
 5
       {
 6
           int num1;
 7
           int num2;
8
9
          printf("Enter two integers, and I will tell you\n");
10
          printf("the relationships they satisfy: ");
11
12
          scanf_s("%d%d", &num1, &num2);
13
14
      if (num1 == num2)
15
16
               printf("%d is equal to %d\n", num1, num2);
17
18
19
      由:
          if (numl != num2)
20
21
              printf("%d is not equal to %d\n", num1, num2);
22
23
           if (num1 < num2)
24
25
             printf("%d is less to %d\n", num1, num2);
26
27
28
      Β.
          if (num1 > num2)
29
30
               printf("%d is greater to %d\n", num1, num2);
31
32
      É.
          if (num1 <= num2)
33
34
               printf("%d is less than or equal to %d\n", num1, num2);
35
36
37
      ⊟;
          if (num1 >= num2)
38
39
               printf("%d is greater than or equal to %d\n", num1, num2);
40
41
42
           system("pause");
43
           return 0;
44
```

4. 執行與測試程式結果

Step1-點選開始偵測,進行偵測

