

```

1  #include <iostream>
2  using namespace std;
3
4  template <class minimum>
5
6  minimum Compare( minimum num1, minimum num2 ){
7      cout << " please enter num1 : ";
8      cin >> num1;
9      cout << " please enter num2 : ";
10     cin >> num2;
11     if ( num1 > num2 )
12         return num2;
13     else
14         return num1;
15 }
16 int main() { //除了用scope隔開他們還有甚麼方法//試試看用負號寫//
17 {
18     int x, y;
19     cout<< "The smaller number is : "<< Compare(x,y)<<endl;
20     } //with and without return?
21 {
22     char x, y;
23     cout<< "The smaller number is : "<< Compare(x,y)<<endl;
24     } //這邊輸入的值一訂要是字母嗎 如果用數值的話會怎麼樣
25 {
26     float x, y;
27     cout<< "The smaller number is : "<< Compare(x,y)<<endl;
28     }
29 }
30

```

C:\devcpp\hw10\10-2\10-2.exe

```

please enter num1 : 3
please enter num2 : 4
The smaller number is : 3
please enter num1 : a
please enter num2 : b
The smaller number is : a
please enter num1 : 4.5
please enter num2 : 3.3
The smaller number is : 3.3

```

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Process exited after 22.15 seconds with return value 0  
請按任意鍵繼續 . . .