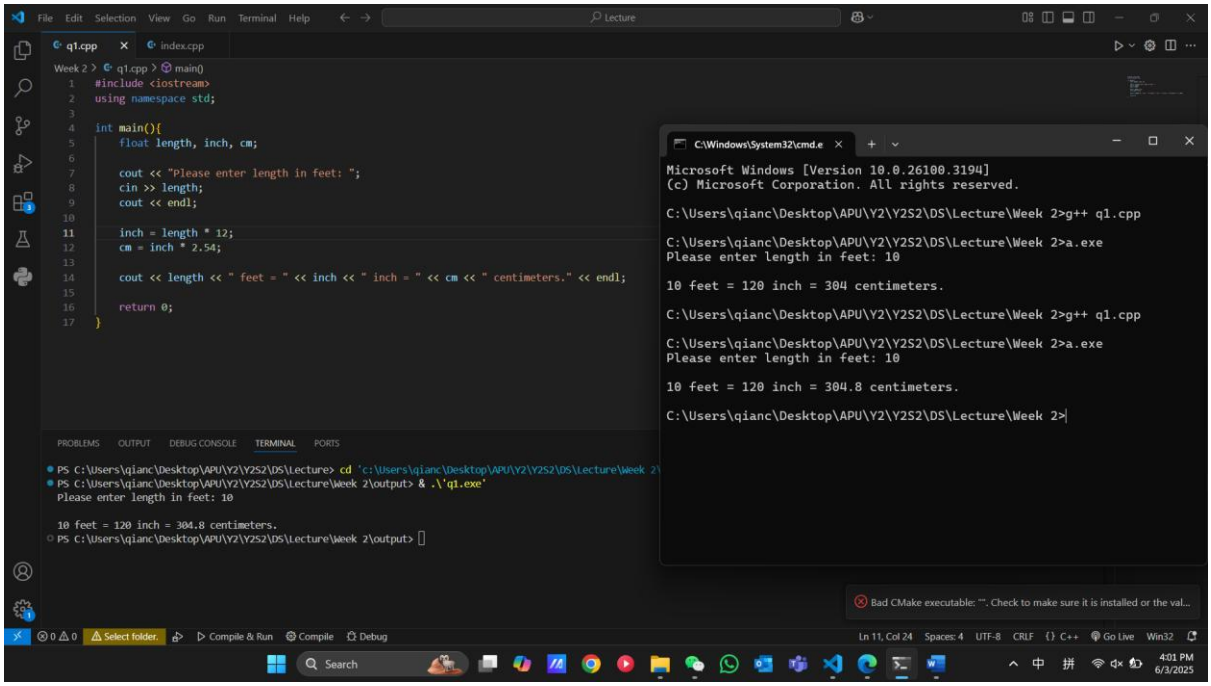
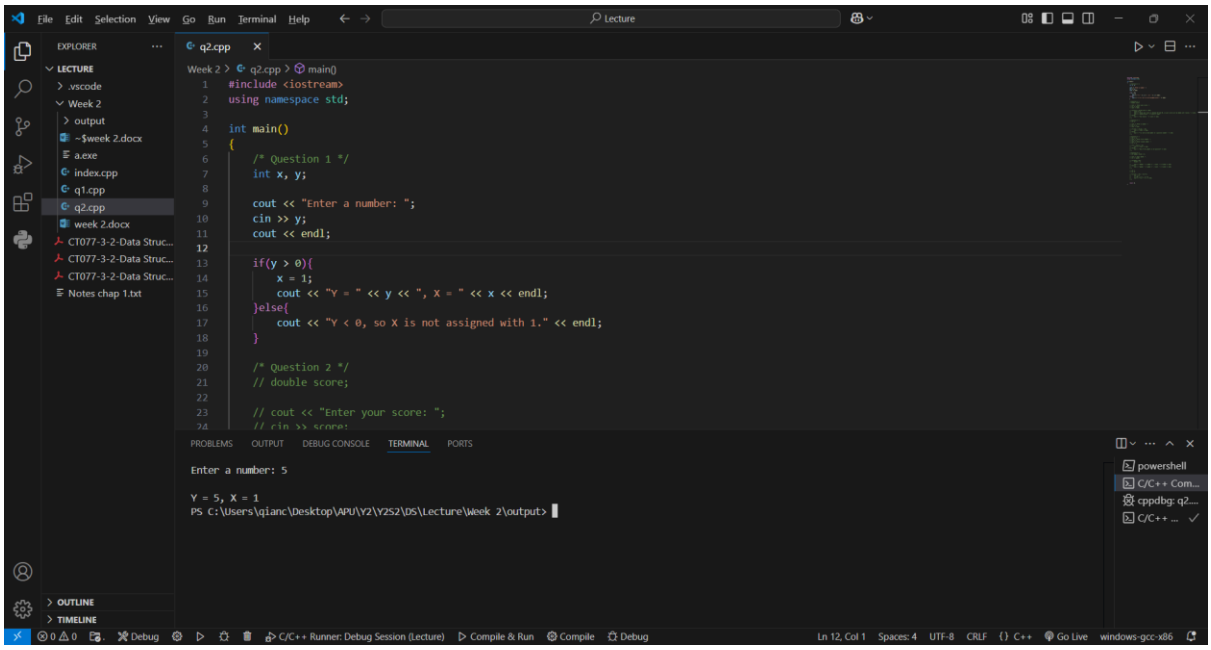
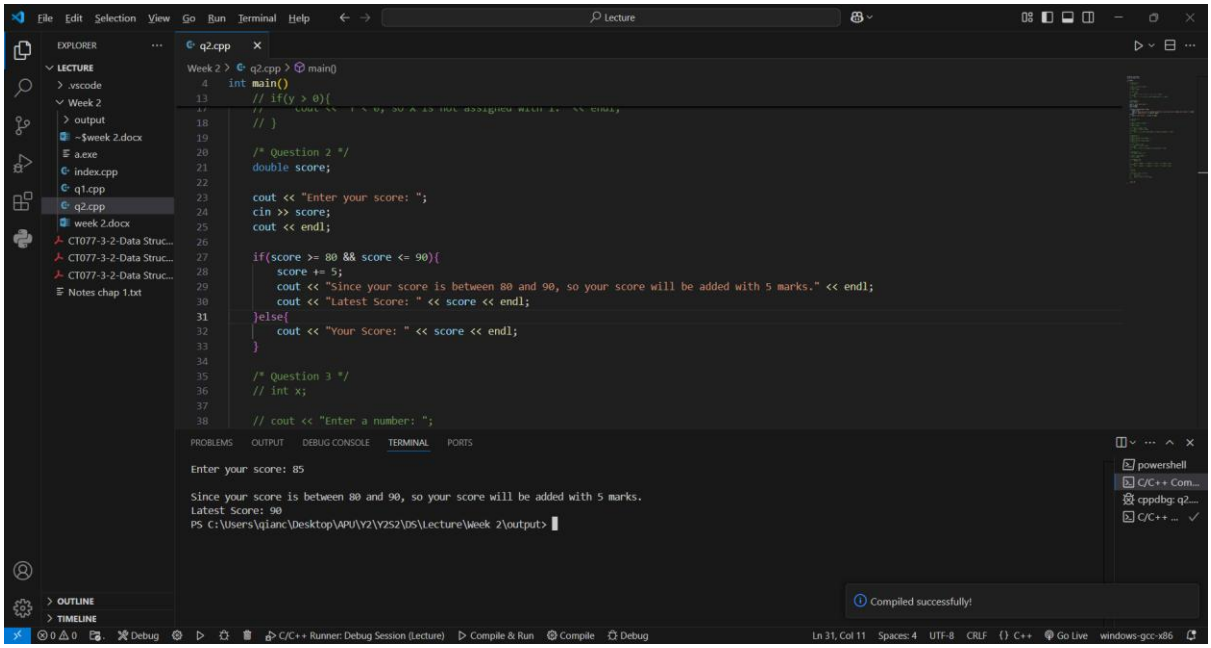
Chap 2

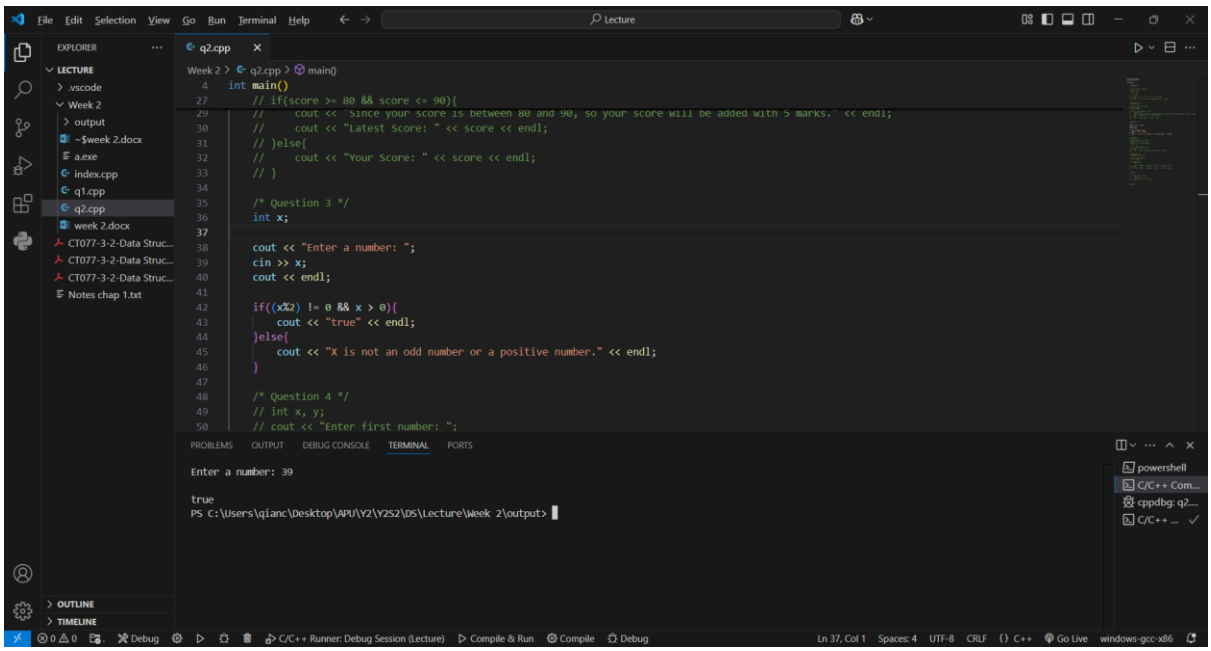
Class Activity 1

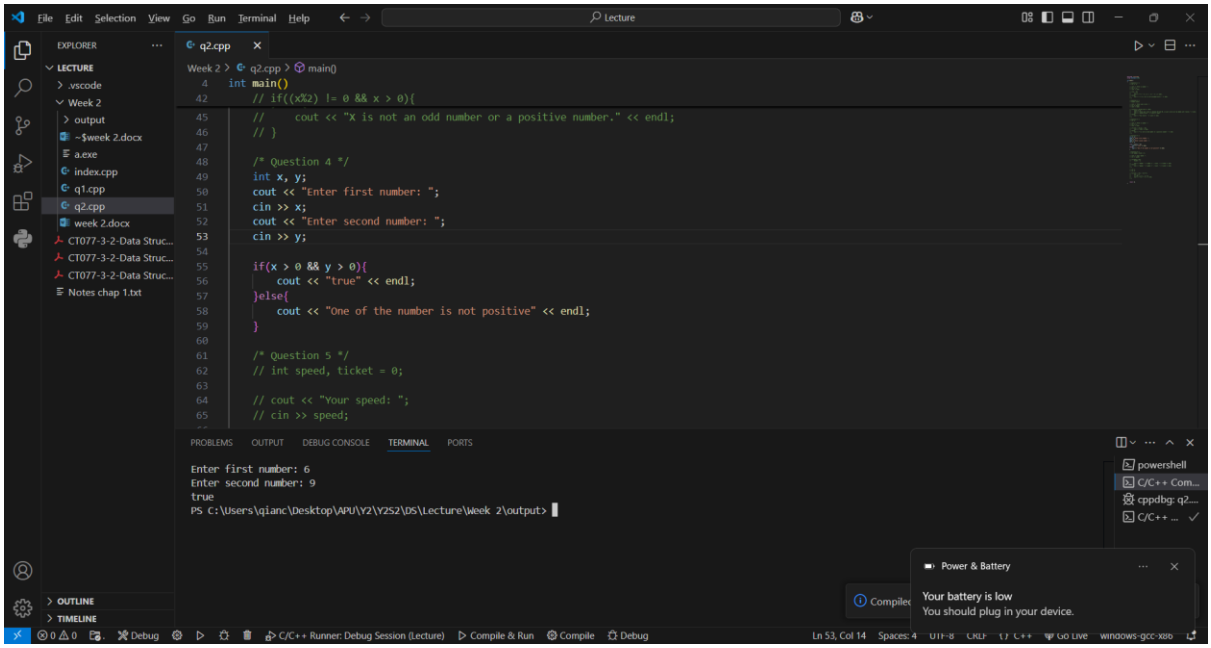


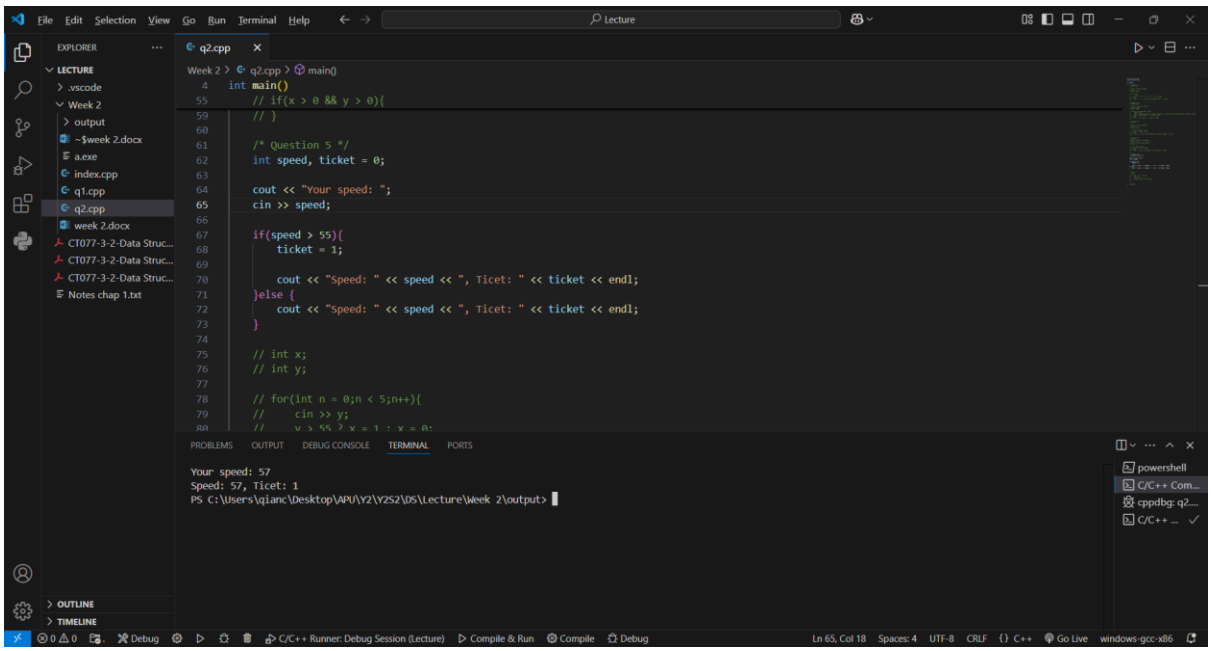
Class Activity 2



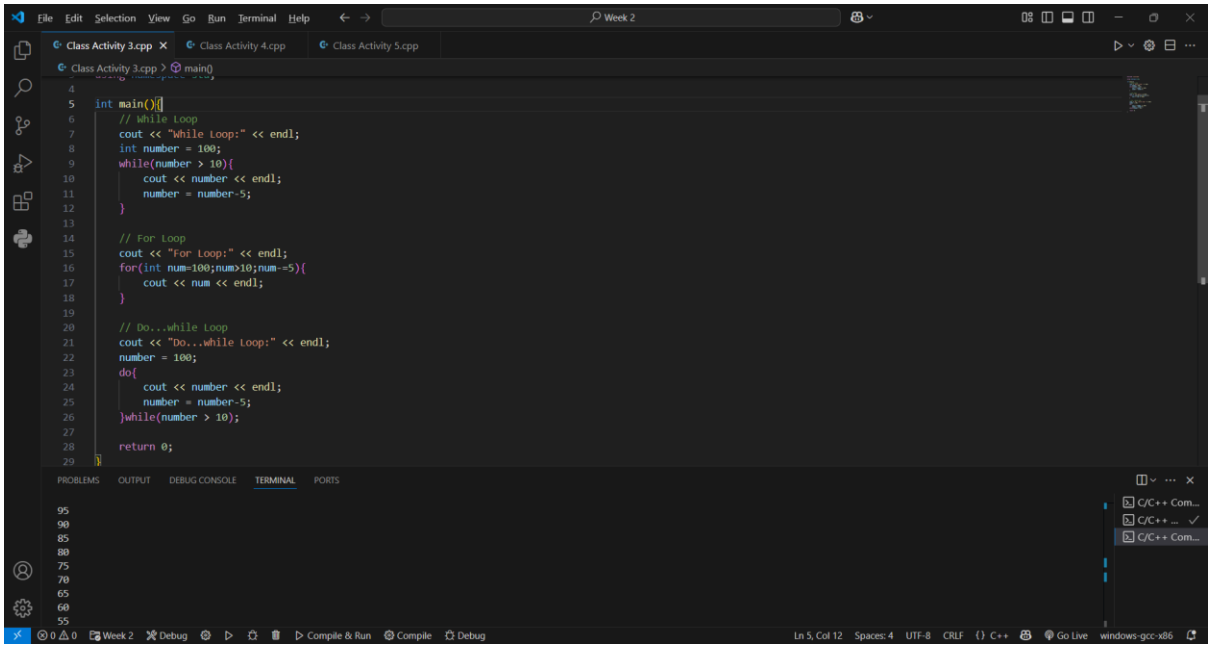

File Edit Selection View Go Run Terminal Help
Lecture
EXPLORER
LECTURE
.vscode
Week 2
output
~$week 2.docx
a.exe
index.cpp
q1.cpp
q2.cpp
week 2.docx
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
Notes chap 1.txt
OUTLINE
TIMELINE
q2.cpp
Week 2 > q2.cpp > main()
4 int main()
13 // if(y > 0){
18 // }
19
20 /* Question 2 */
21 double score;
22
23 cout << "Enter your score: ";
24 cin >> score;
25 cout << endl;
26
27 if(score >= 80 && score <= 90){
28 score += 5;
29 cout << "Since your score is between 80 and 90, so your score will be added with 5 marks." << endl;
30 cout << "Latest Score: " << score << endl;
31 }else{
32 cout << "Your Score: " << score << endl;
33 }
34
35 /* Question 3 */
36 // int x;
37
38 // cout << "Enter a number: ";
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter your score: 85
Since your score is between 80 and 90, so your score will be added with 5 marks.
Latest Score: 90
PS C:\Users\qianc\Desktop\APU\Y2\Y2S2\DS\Lecture\Week 2\output>
powershell
C/C++ Com...
cppdbg: q2....
C/C++ ...
Compiled successfully!
Debug
C/C++ Runner: Debug Session (Lecture)
Compile & Run
Compile
Debug
Ln 31, Col 11
Spaces: 4
UTF-8
CRLF
C++
Go Live
windows-gcc-x86

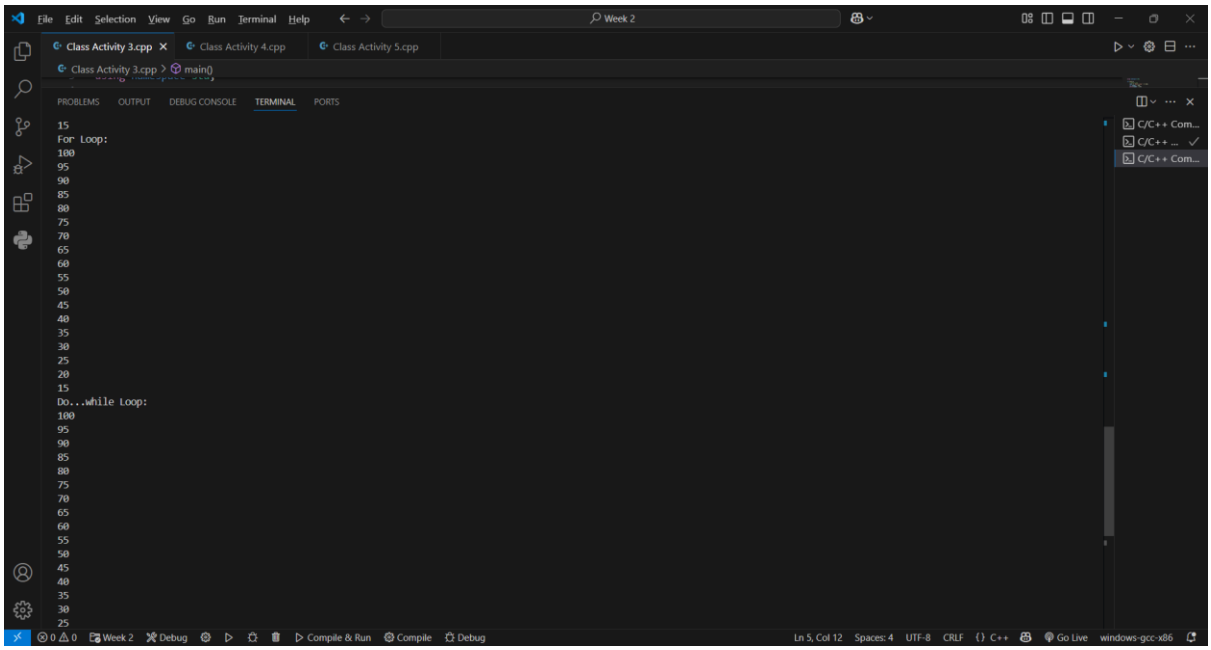

File Edit Selection View Go Run Terminal Help
Lecture
EXPLORER
LECTURE
.vscode
Week 2
output
~$week 2.docx
a.exe
index.cpp
q1.cpp
q2.cpp
week 2.docx
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
Notes chap 1.txt
OUTLINE
TIMELINE
q2.cpp
Week 2 > q2.cpp > main()
4 int main()
27 // if(score >= 80 && score <= 90){
29 // cout << "Since your score is between 80 and 90, so your score will be added with 5 marks." << endl;
30 // cout << "Latest Score: " << score << endl;
31 // }else{
32 // cout << "Your Score: " << score << endl;
33 // }
34
35 /* Question 3 */
36 int x;
37
38 cout << "Enter a number: ";
39 cin >> x;
40 cout << endl;
41
42 if((x%2) != 0 && x > 0){
43 cout << "true" << endl;
44 }else{
45 cout << "X is not an odd number or a positive number." << endl;
46 }
47
48 /* Question 4 */
49 // int x, y;
50 // cout << "Enter first number: ";
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter a number: 39
true
PS C:\Users\qianc\Desktop\APU\Y2\Y2S2\DS\Lecture\Week 2\output>
powershell
C/C++ Com...
cppdbg: q2....
C/C++ ...
Debug
C/C++ Runner: Debug Session (Lecture)
Compile & Run
Compile
Debug
Ln 37, Col 1
Spaces: 4
UTF-8
CRLF
C++
Go Live
windows-gcc-x86


File Edit Selection View Go Run Terminal Help
Lecture
EXPLORER
LECTURE
.vscode
Week 2
output
~$week 2.docx
a.exe
index.cpp
q1.cpp
q2.cpp
week 2.docx
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
Notes chap 1.txt
q2.cpp
Week 2 > q2.cpp > main()
4 int main()
42 // if((x%2) != 0 && x > 0){
45 // cout << "X is not an odd number or a positive number." << endl;
46 // }
47
48 /* Question 4 */
49 int x, y;
50 cout << "Enter first number: ";
51 cin >> x;
52 cout << "Enter second number: ";
53 cin >> y;
54
55 if(x > 0 && y > 0){
56 cout << "true" << endl;
57 }else{
58 cout << "One of the number is not positive" << endl;
59 }
60
61 /* Question 5 */
62 // int speed, ticket = 0;
63
64 // cout << "Your speed: ";
65 // cin >> speed;
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter first number: 6
Enter second number: 9
true
PS C:\Users\qianc\Desktop\APU\Y2\Y2S2\DS\Lecture\Week 2\output>
powershell
C/C++ Com...
cppdbg: q2....
C/C++ ...
Power & Battery
Your battery is low
You should plug in your device.
OUTLINE
TIMELINE
Debug
C/C++ Runner: Debug Session (Lecture)
Compile & Run
Compile
Debug
Ln 53, Col 14
Spaces: 4
Go Live
windows-gcc-x86

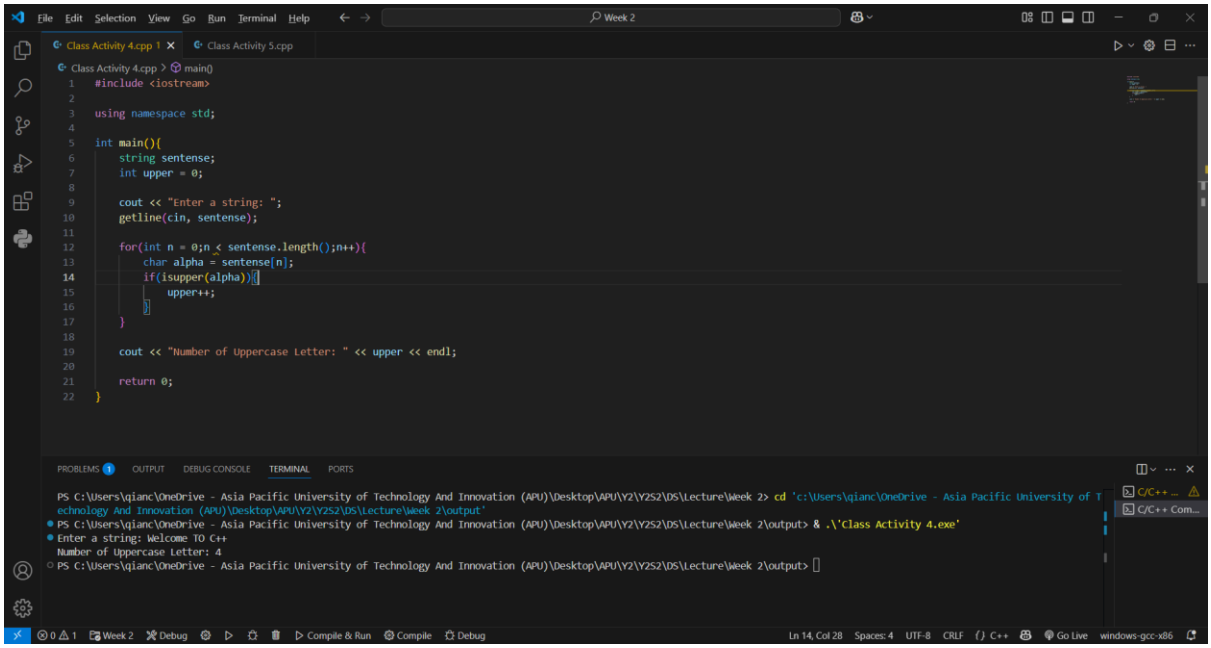

File Edit Selection View Go Run Terminal Help
Lecture
EXPLORER
LECTURE
.vscode
Week 2
output
~$week 2.docx
a.exe
index.cpp
q1.cpp
q2.cpp
week 2.docx
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
CT077-3-2-Data Struc...
Notes chap 1.txt
q2.cpp
Week 2 > q2.cpp > main()
4 int main()
55 // if(x > 0 && y > 0){
59 // }
60
61 /* Question 5 */
62 int speed, ticket = 0;
63
64 cout << "Your speed: ";
65 cin >> speed;
66
67 if(speed > 55){
68 ticket = 1;
69
70 cout << "Speed: " << speed << ", Ticet: " << ticket << endl;
71 }else {
72 cout << "Speed: " << speed << ", Ticet: " << ticket << endl;
73 }
74
75 // int x;
76 // int y;
77
78 // for(int n = 0;n < 5;n++){
79 // cin >> y;
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Your speed: 57
Speed: 57, Ticet: 1
PS C:\Users\qianc\Desktop\APU\Y2\Y2S2\DS\Lecture\Week 2\output>
powershell
C/C++ Com...
cppdbg: q2....
C/C++ ...
OUTLINE
TIMELINE
Debug
C/C++ Runner: Debug Session (Lecture)
Compile & Run
Compile
Debug
Ln 65, Col 18
Spaces: 4
UTF-8
CRLF
C++
Go Live
windows-gcc-x86

Class Activity 3





Class Activity 4



Class Activity 5