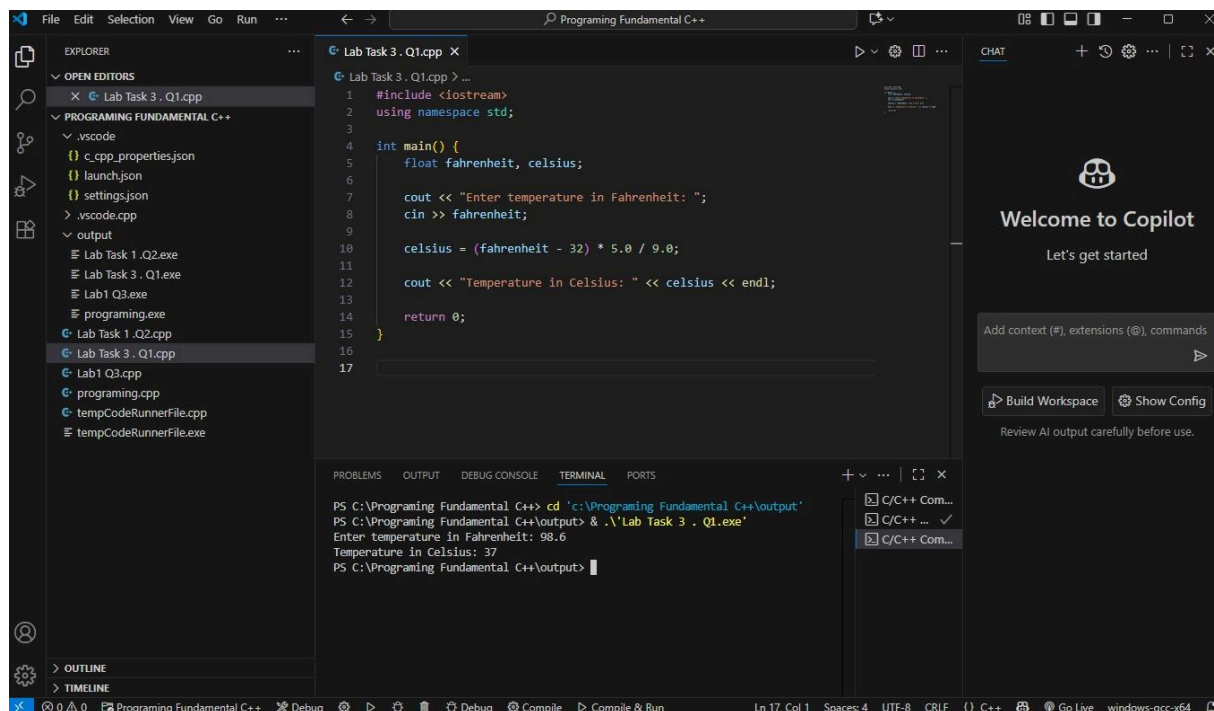


Lab Task # 2

Name : Shan
Sap ID: 72387
Project: BSAI

Q1. Write a program that takes temperature in Fahrenheit from the user and converts it into Celsius using the formula: $c = 5/9 (F - 32)$.

Ans.



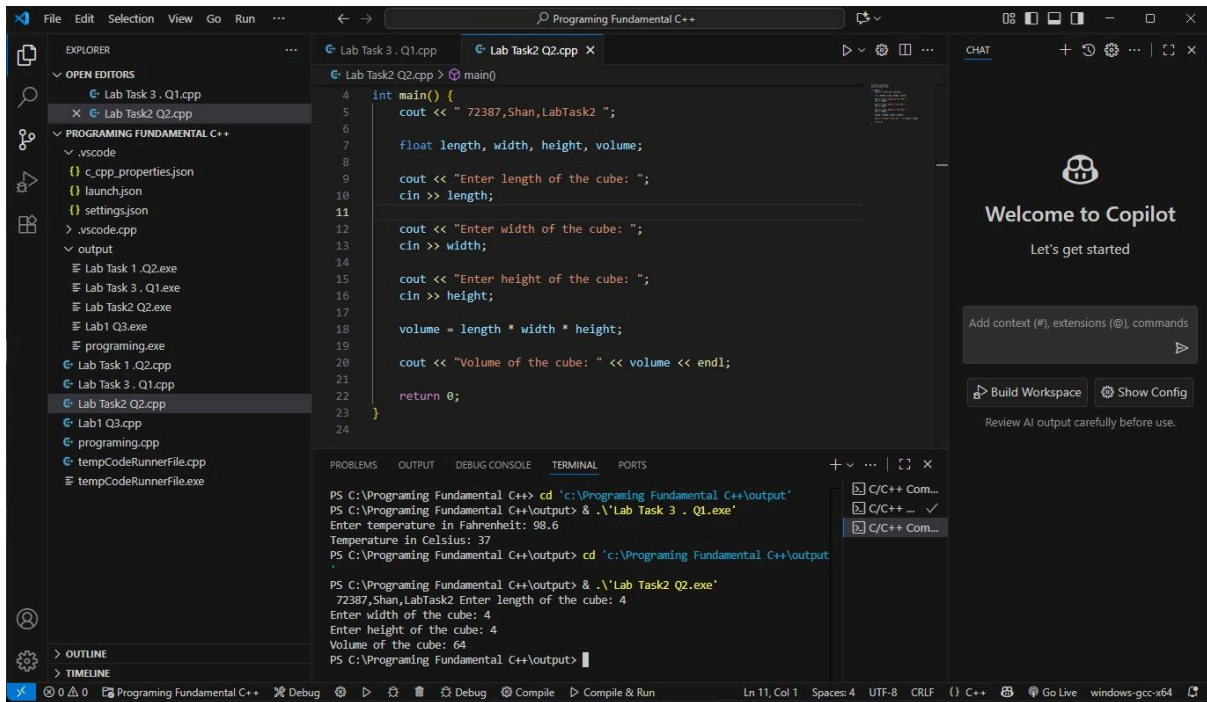
```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     float fahrenheit, celsius;
6
7     cout << "Enter temperature in Fahrenheit: ";
8     cin >> fahrenheit;
9
10    celsius = (fahrenheit - 32) * 5.0 / 9.0;
11
12    cout << "Temperature in Celsius: " << celsius << endl;
13
14    return 0;
15 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Programing Fundamental C++> cd 'c:\Programing Fundamental C++\output'
PS C:\Programing Fundamental C++\output> & .\Lab Task 3 . Q1.exe
Enter temperature in Fahrenheit: 98.6
Temperature in Celsius: 37
PS C:\Programing Fundamental C++\output>
```

Q2: Write a program that calculates the volume of a cube by taking its measurements (length, width, and height) from the user. Formula : $V = \text{length} * \text{width} * \text{height}$.

Ans.



Q3: Write a program that takes marks obtained by a student in five subjects and calculates the total marks and percentage.

Ans.

