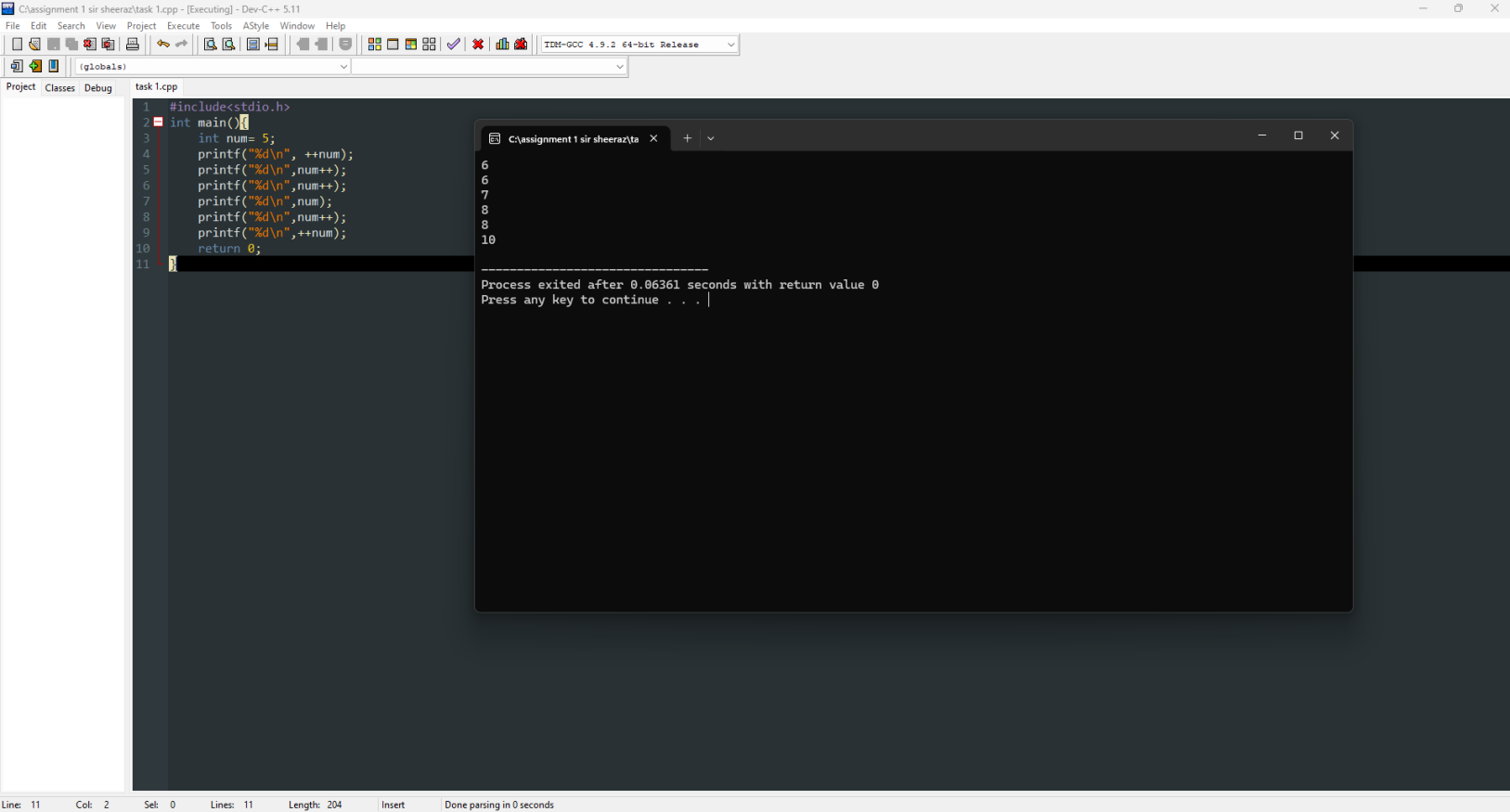
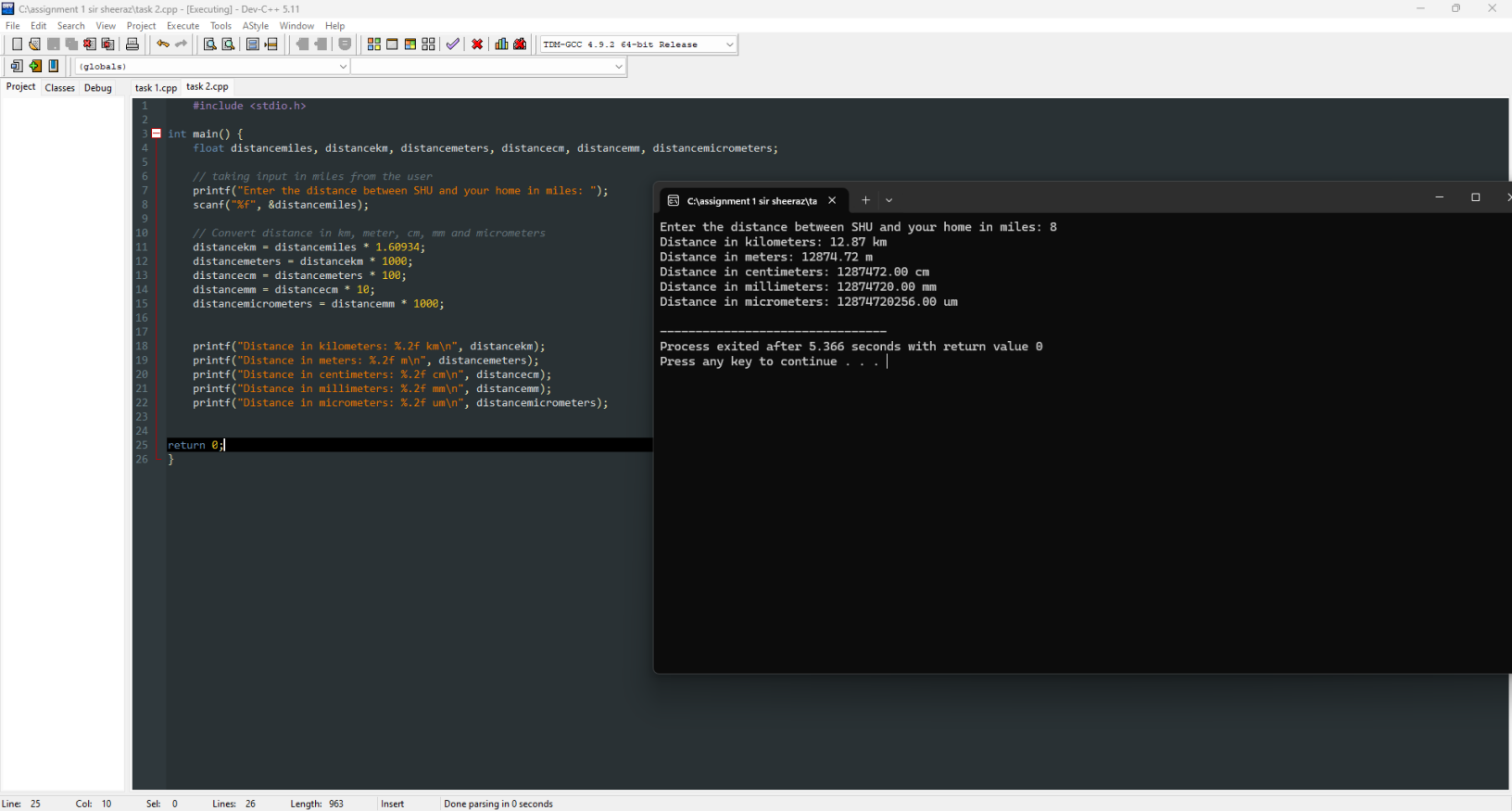


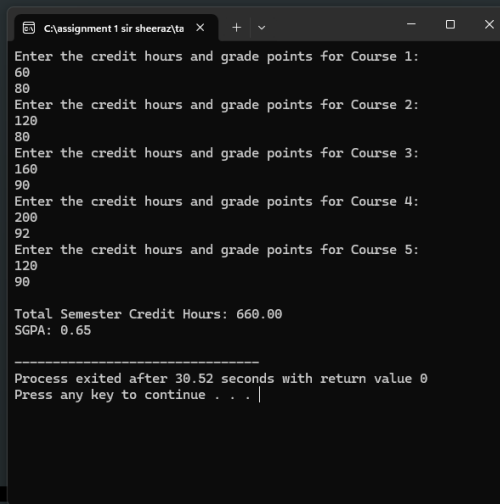
Name: Muhammad Faizan Mughairi

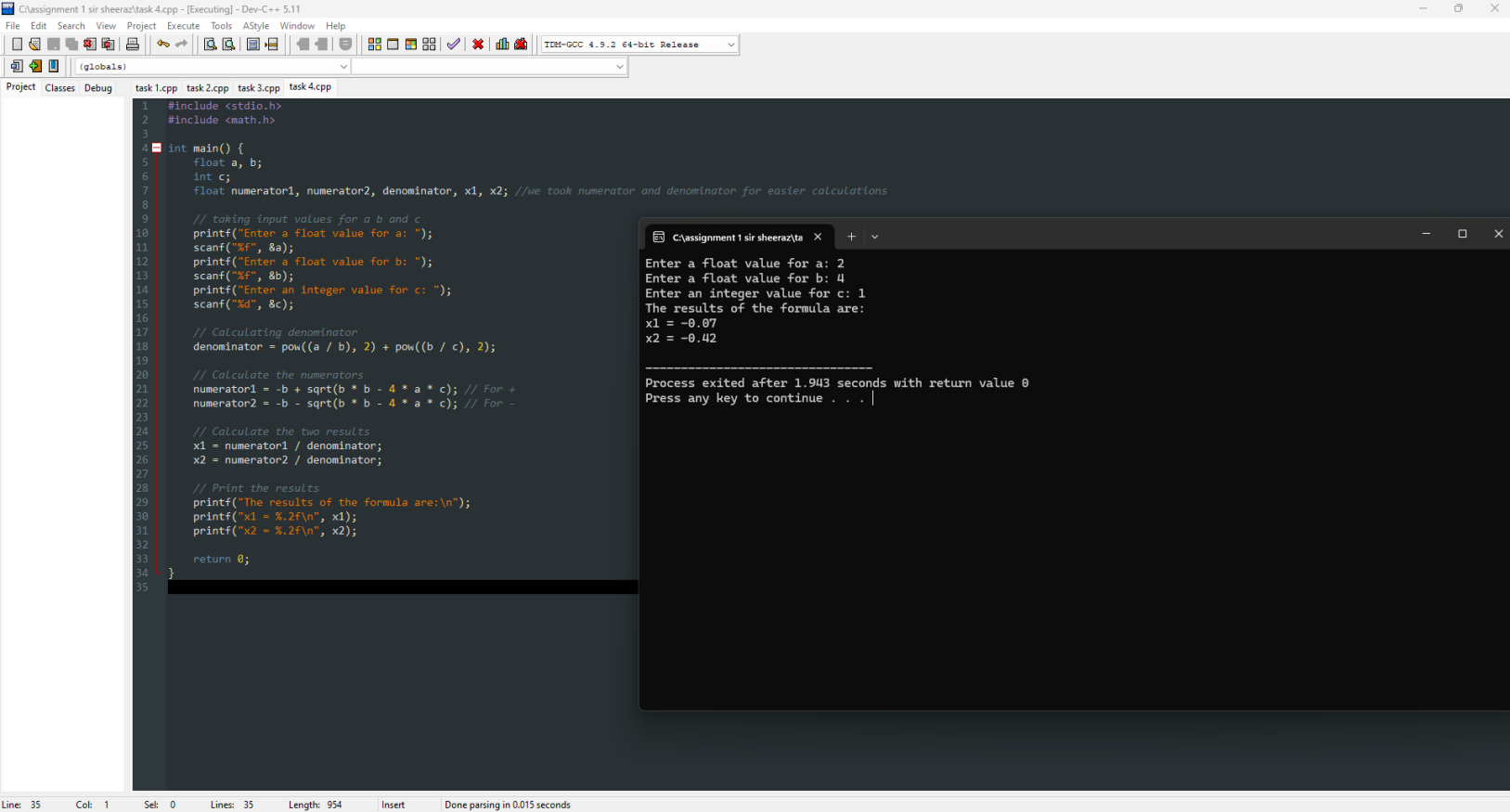
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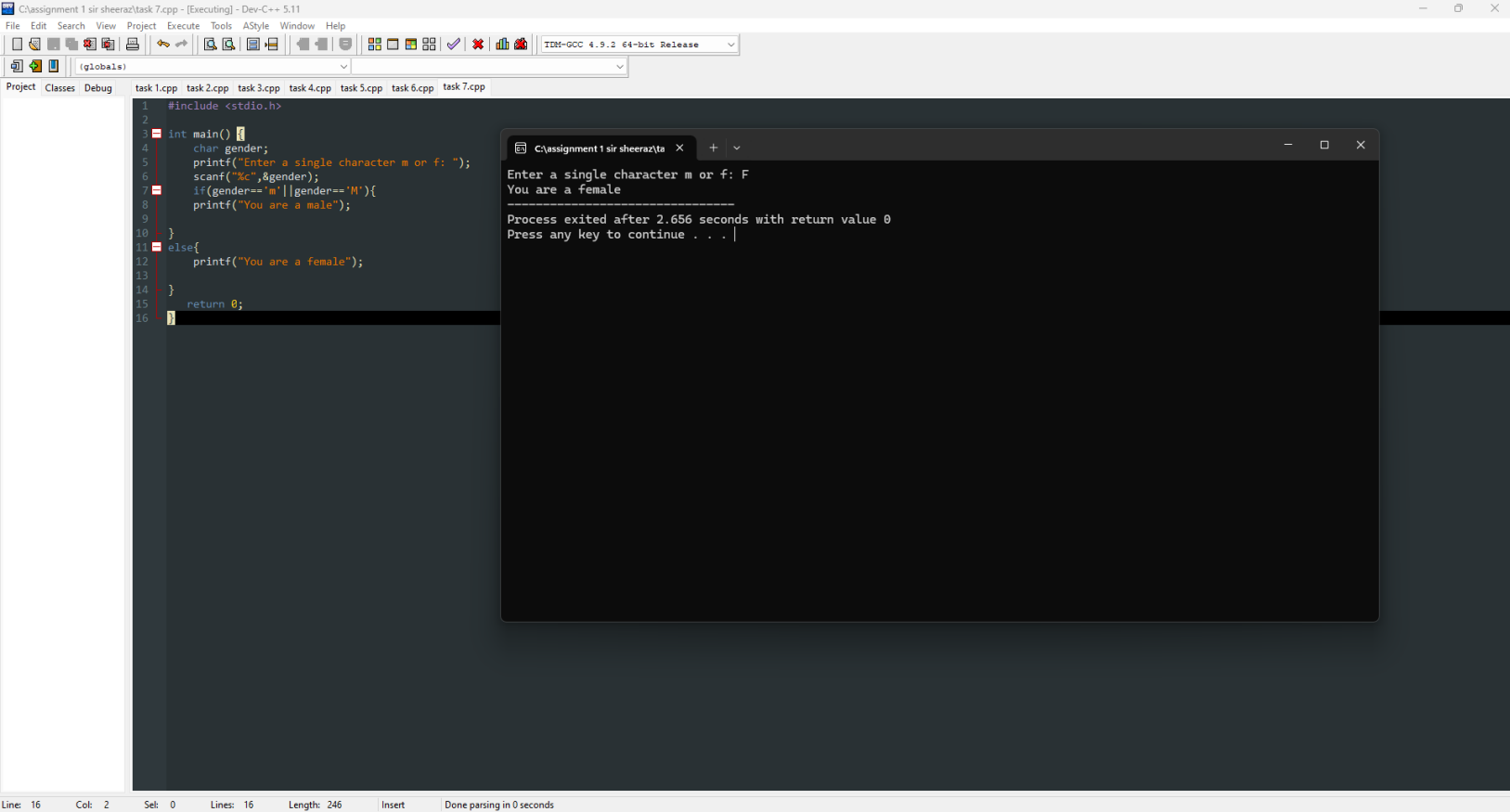
Assignment (PF Theory) Sir Sheeraz

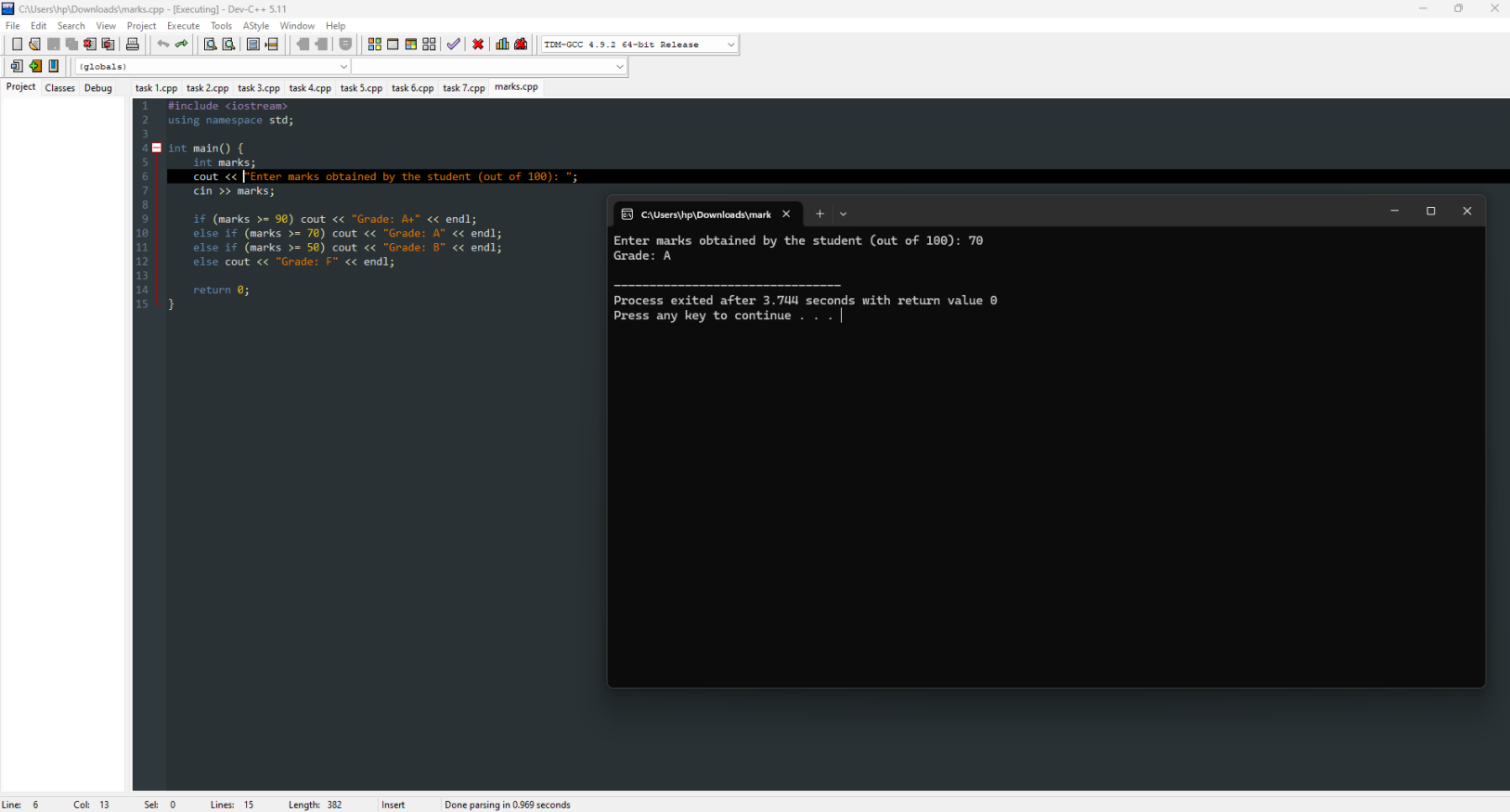






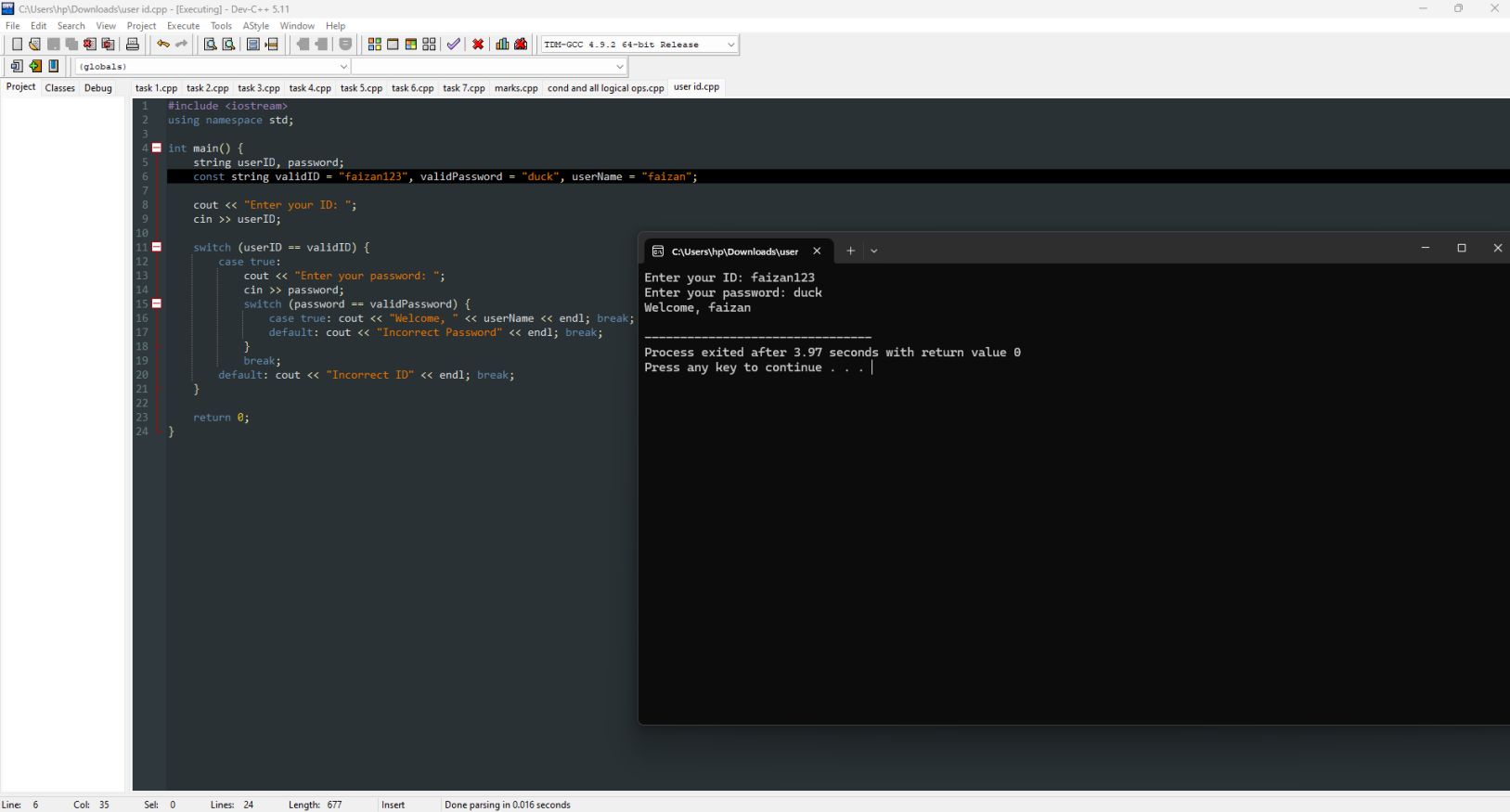






```
18 }
```

```
-----  
Process exited after 1.837 seconds with return value 0  
Press any key to continue . . .
```

C:\Users\hp\Downloads\switch case.cpp - [Executing] - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

task 1.cpp task 2.cpp task 3.cpp task 4.cpp task 5.cpp task 6.cpp task 7.cpp marks.cpp cond and all logical ops.cpp user id.cpp switch case.cpp

```
1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4
5 int main() {
6     int choice, number;
7
8     cout << "1. Square root\n2. Cube\n3. Print 50 times\n4. Table\n";
9     cout << "Enter choice (1-4): ";
10    cin >> choice;
11    cout << "Enter number: ";
12    cin >> number;
13
14    switch (choice) {
15        case 1: cout << "Square root: " << sqrt(number) << endl; break;
16        case 2: cout << "Cube: " << pow(number, 3) << endl; break;
17        case 3: for (int i = 0; i < 50; i++) cout << number << " "; cout << endl; break;
18        case 4: for (int i = 1; i <= 10; i++) cout << number << " * " << i << " = " << number * i << endl; break;
19        default: cout << "Invalid choice!" << endl; break;
20    }
21
22    return 0;
23 }
```

Default: C:\Users\hp\Downloads\switch case.exe
ctrl+alt+1

C:\Users\hp\Downloads\switc x + -

1. Square root
2. Cube
3. Print 50 times
4. Table
Enter choice (1-4): 2
Enter number: 55
Cube: 166375

Process exited after 4.943 seconds with return value 0
Press any key to continue . . . |

Line: 1 Col: 1 Sel: 0 Lines: 23 Length: 741 Insert Done parsing in 0.031 seconds

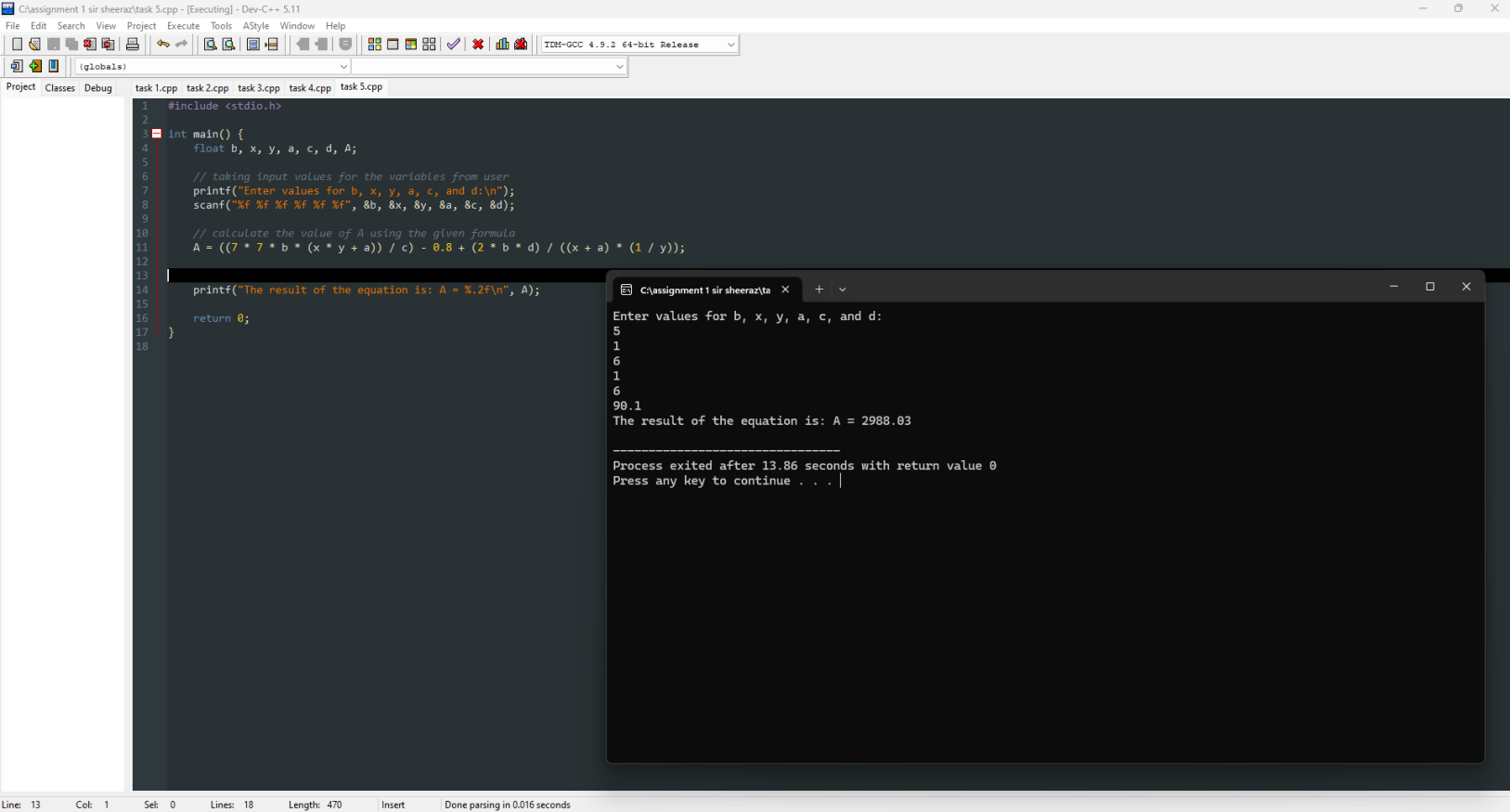
```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     float current, previous, units, bill;
6
7     cout << "Enter current and previous reading: ";
8     cin >> current >> previous;
9
10    units = current - previous;
11
12    if (units <= 300) {
13        bill = units * 4 * 0.97;
14        cout << "Bill after subsidy: Rs. " << bill << endl;
15    }
16    else if (units <= 400) {
17        bill = units * 6;
18        cout << "Bill: Rs. " << bill << endl;
19    }
20    else {
21        bill = units * 7 * 1.04;
22        cout << "Bill after surcharge: Rs. " << bill << endl;
23    }
24
25    return 0;
26 }
```

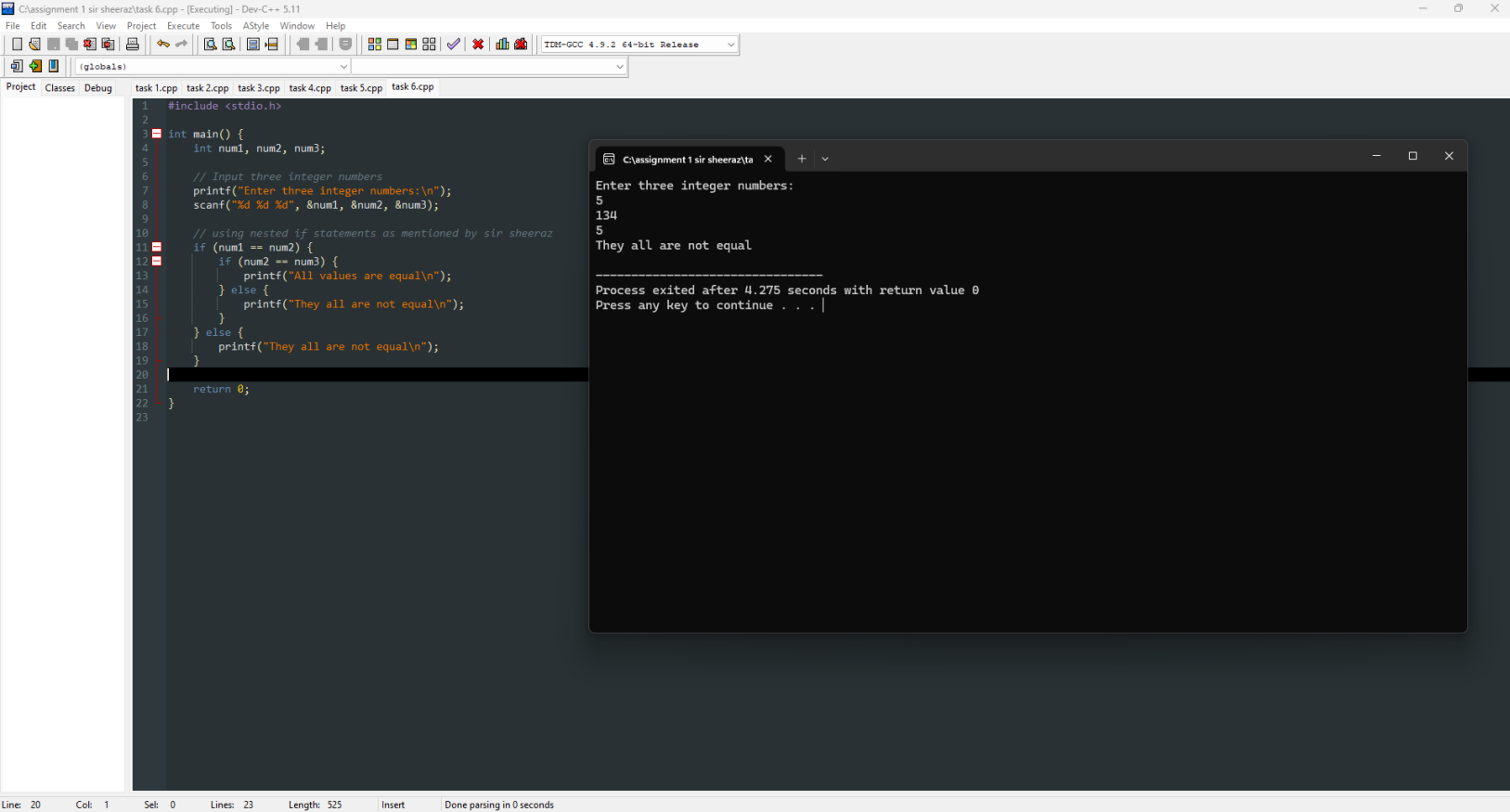
C:\Users\hp\Downloads\elect X

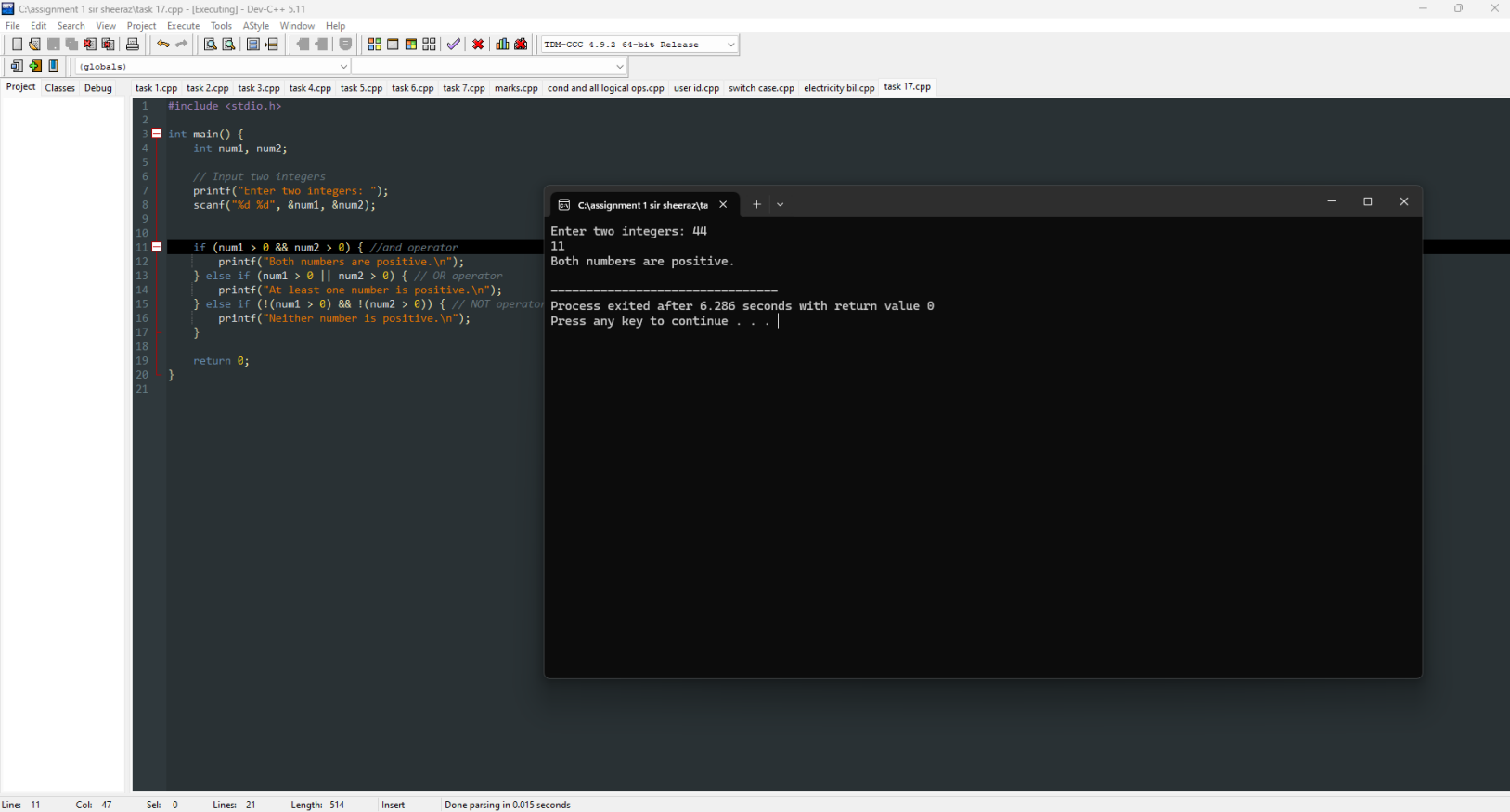
Enter current and previous reading: 213 222

Bill after subsidy: Rs. -34.92

Process exited after 9.185 seconds with return value 0
Press any key to continue . . . |







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