



```
1 #include <iostream>
2 int main() {
3     int age;
4     std::cout << "Enter your age: ";
5     std::cin >> age;
6     if (age >= 18) {
7         std::cout << "You are eligible to vote." << std::endl;
8     } else {
9         int years_left = 18 - age;
10        std::cout << "You are not eligible to vote. You will be eligible in " << years_left << " year(s).";
11    }
12    return 0;
13 }
```

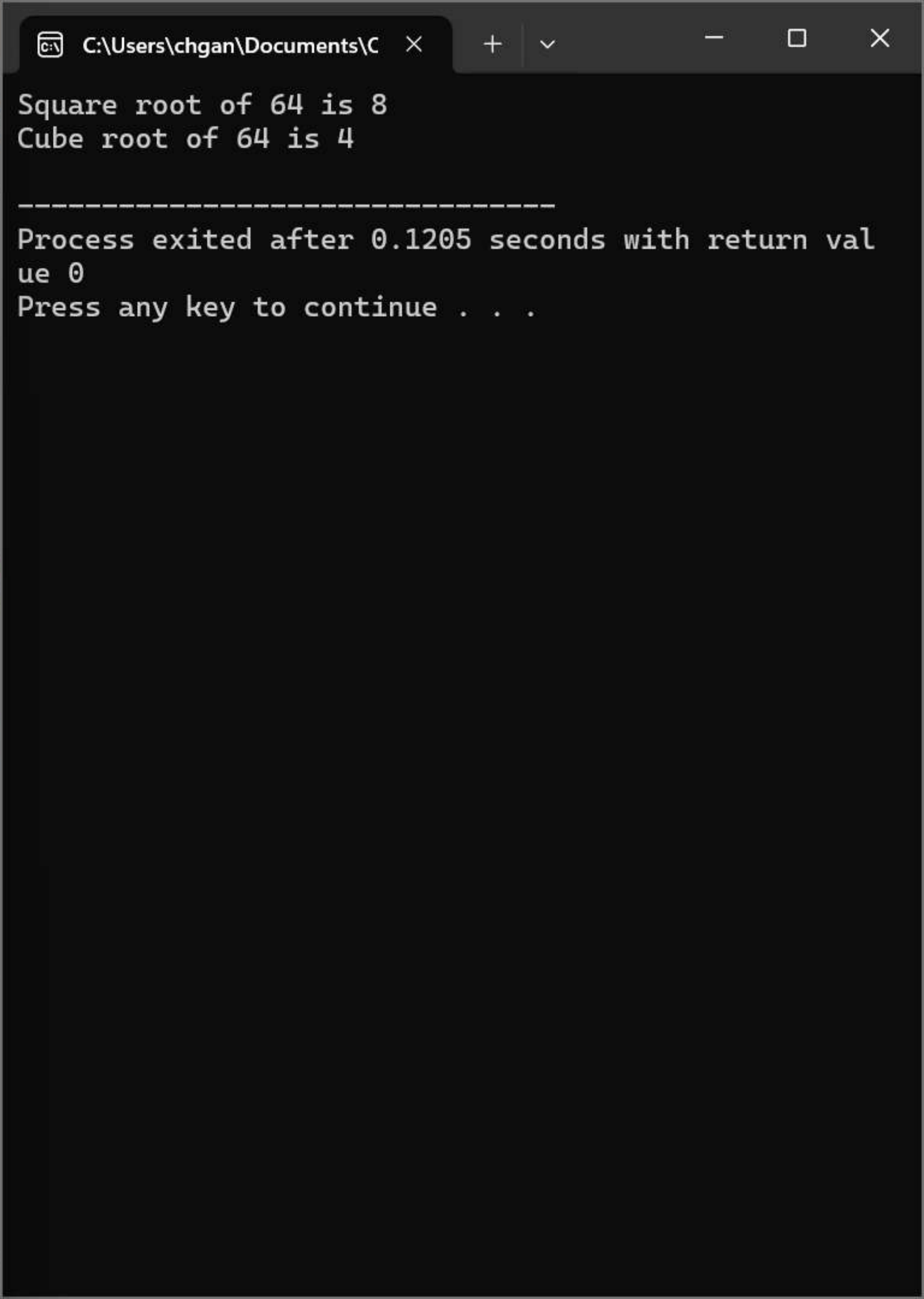
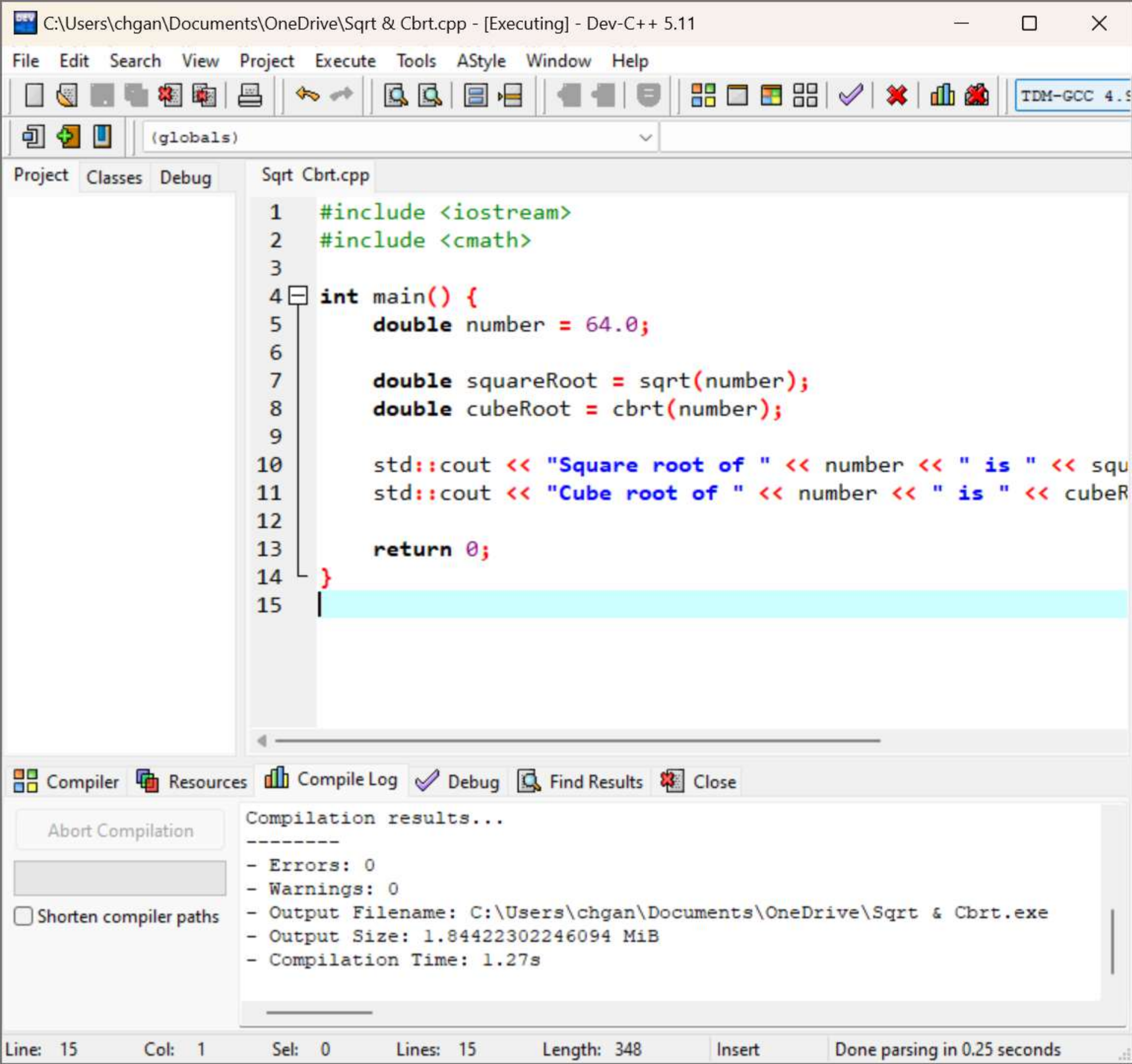
Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\chgan\OneDrive\Vote.exe
- Output Size: 1.83260917663574 MiB
- Compilation Time: 0.31s
```

```
Enter your age: 17
You are not eligible to vote. You will be eligible
in 1 year(s).
```

```
-----
Process exited after 3.009 seconds with return value 0
Press any key to continue . . .
```





(globals)

Project Classes Debug Sqrt_Cbirt.cpp Palindrome.cpp

```
4
5 bool isPalindrome(const std::string& str) {
6     std::string reversedStr = str;
7     std::reverse(reversedStr.begin(), reversedStr.end());
8     return str == reversedStr;
9 }
10
11 int main() {
12     std::string input;
13     std::cout << "Enter a string: ";
14     std::getline(std::cin, input);
15
16     if (isPalindrome(input)) {
17         std::cout << "\"" << input << "\" is a palindrome." << std::endl;
18     } else {
19         std::cout << "\"" << input << "\" is not a palindrome." << std::endl;
20     }
21
22     return 0;
23 }
24
```

Compiler Resources Compile Log Debug Find Results Close

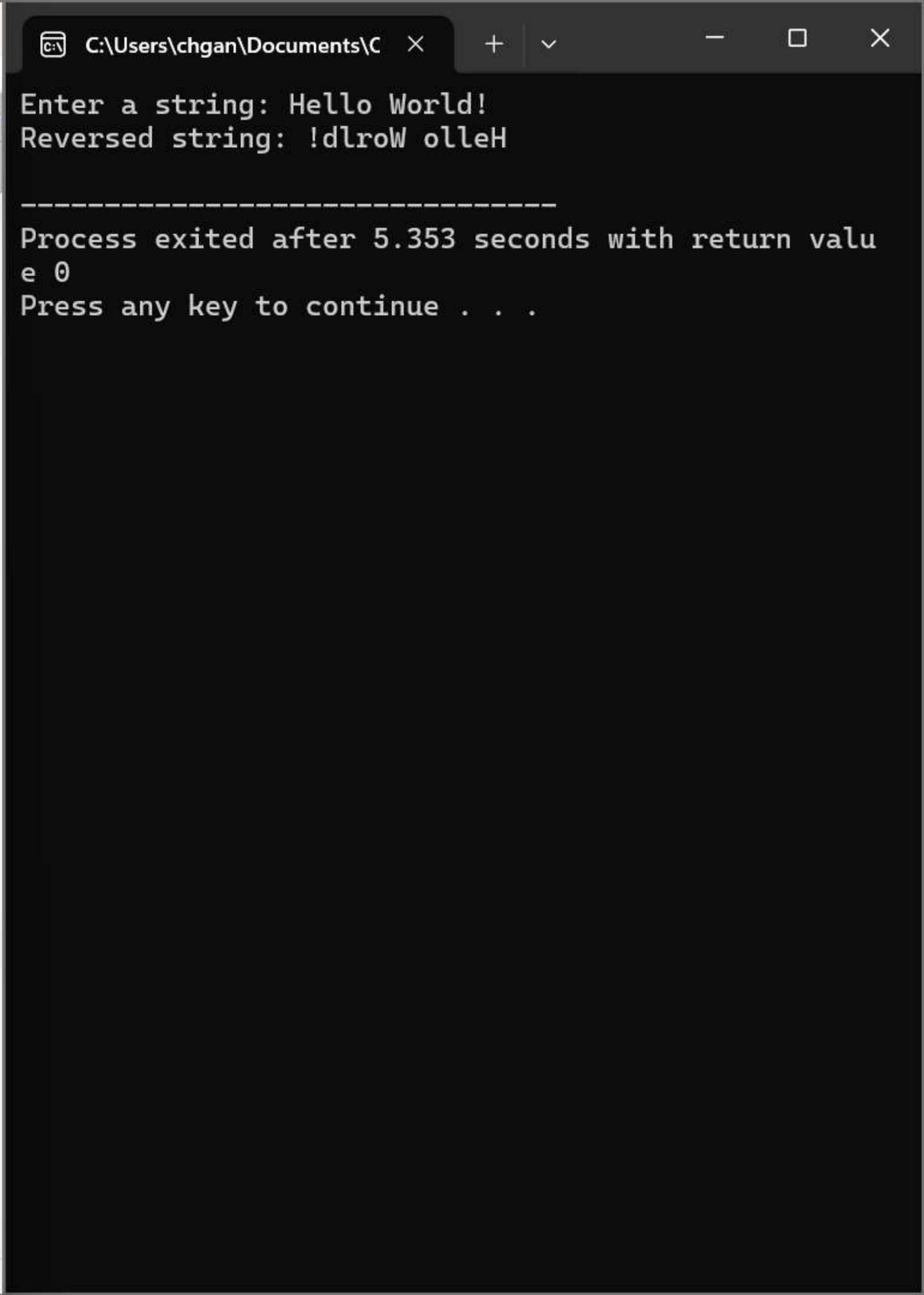
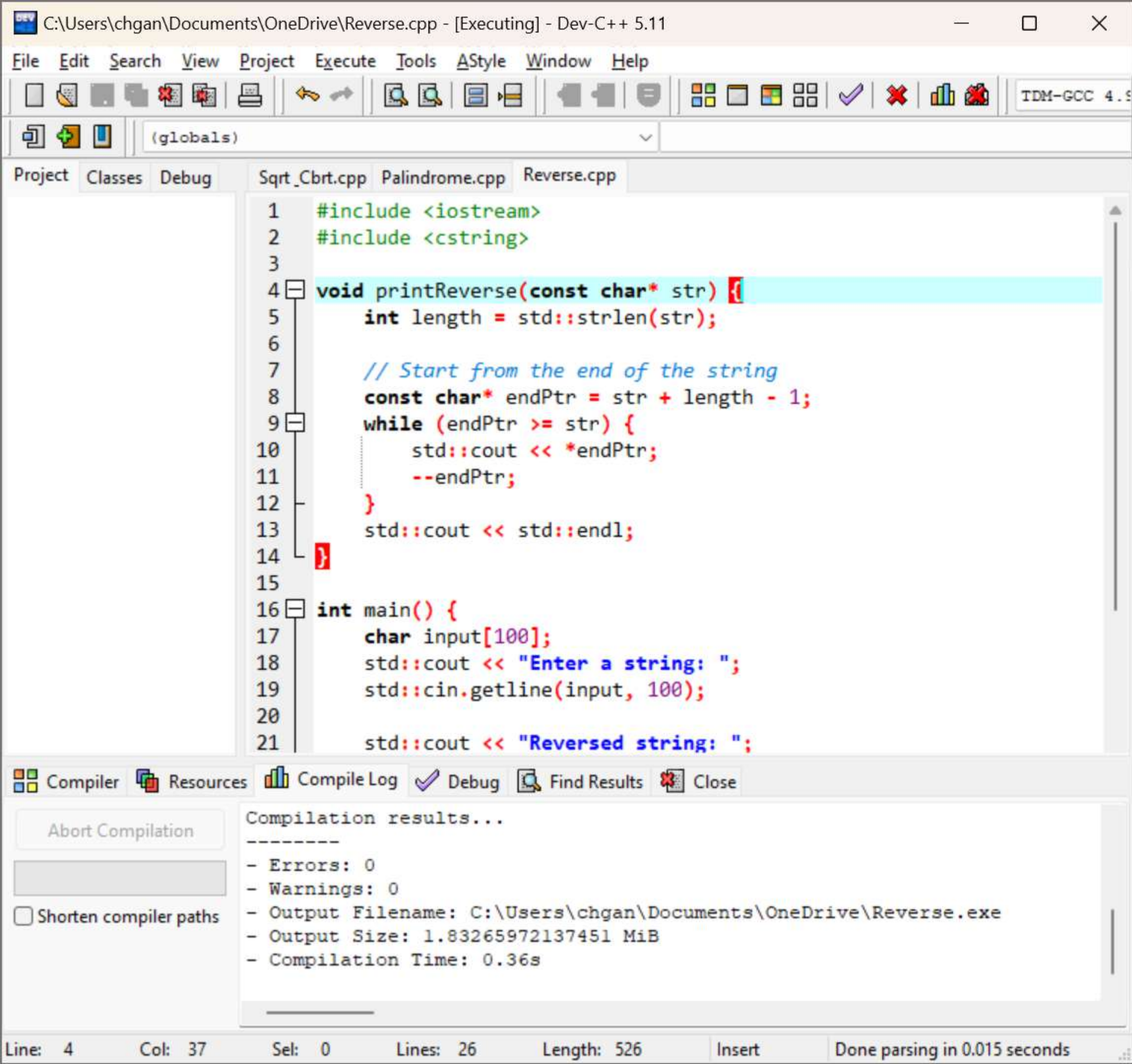
Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\chgan\Documents\OneDrive\Palindrome.exe
- Output Size: 1.83906269073486 MiB
- Compilation Time: 0.34s
```

```
Enter a string: radar
"radar" is a palindrome.
```

```
-----
Process exited after 3.121 seconds with return value 0
Press any key to continue . . .
```





```
31 #include <iostream>
2
3 class Point {
4 public:
5     int x, y;
6     Point(int xVal, int yVal) : x(xVal), y(yVal) {}
7     Point(const Point& other) : x(other.x), y(other.y) {
8         std::cout << "Copy constructor called." << std::endl;
9     }
10    void display() const {
11        std::cout << "x = " << x << ", y = " << y << std::endl;
12    }
13 };
14
15 int main() {
16     Point P1(10, 15);
17     std::cout << "P1: ";
18     P1.display();
19     Point P2 = P1;
20     std::cout << "P2: ";
21     P2.display();
22 }
```

Abort Compilation

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\chgan\Documents\OneDrive\Copy Constructor.exe
- Output Size: 1.83373737335205 MiB
- Compilation Time: 0.36s
```

```
P1: x = 10, y = 15
Copy constructor called.
P2: x = 10, y = 15
```

```
-----
Process exited after 0.1153 seconds with return value 0
Press any key to continue . . .
```