

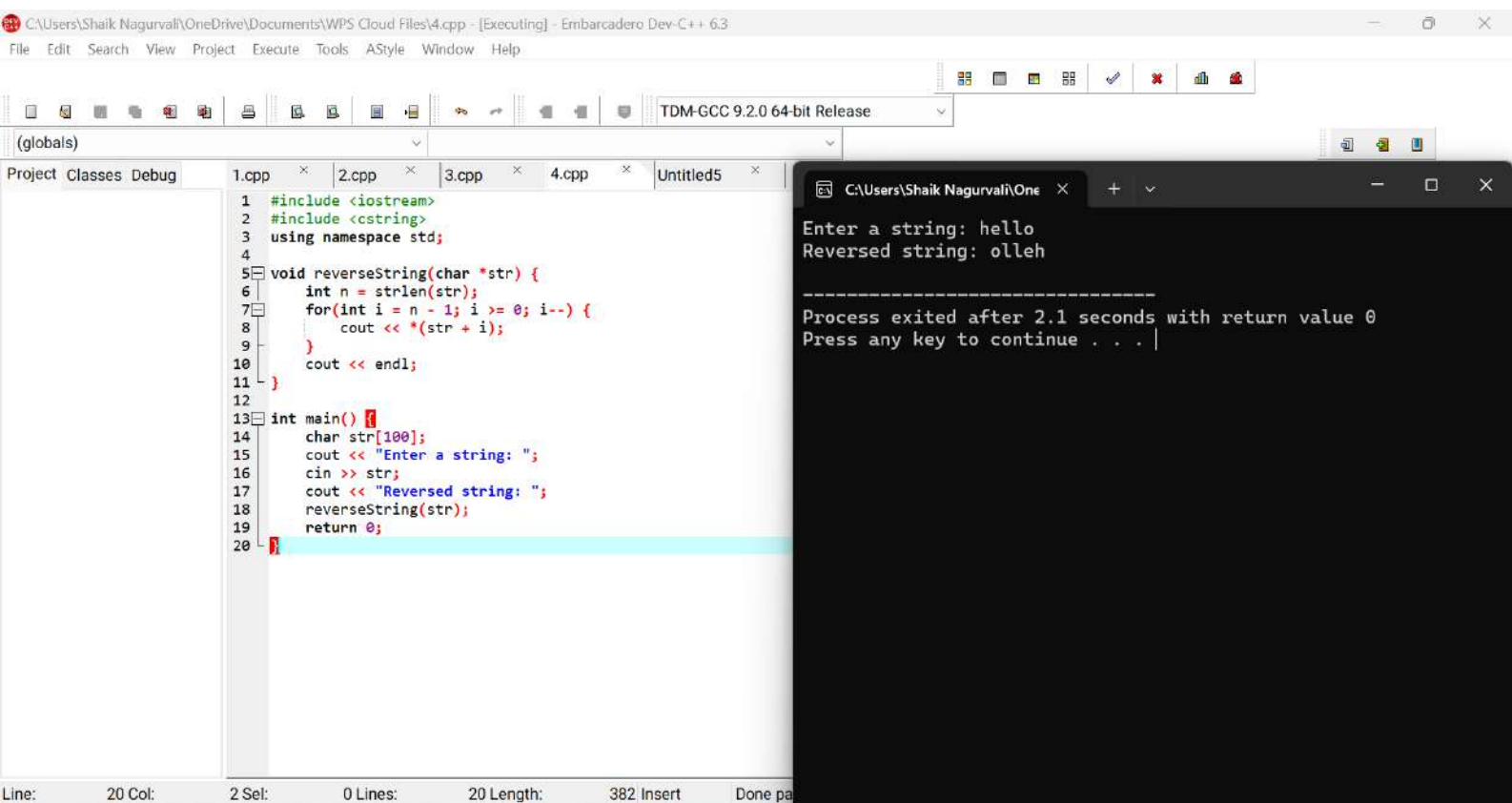
```
C:\Users\Shaik Nagurvali\OneDrive\Documents\WPS Cloud Files\3.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help

(globals)
Project Classes Debug
1.cpp 2.cpp 3.cpp Untitled4 Untitled5
1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4
5 class Shape {
6 public:
7     Shape(double radius) {
8         cout << "Area of Circle: " << 3.14159 * radius * radius << endl;
9     }
10
11     Shape(double length, double breadth) {
12         cout << "Area of Rectangle: " << length * breadth << endl;
13     }
14
15     Shape(double a, double b, double c) {
16         double s = (a + b + c) / 2;
17         cout << "Area of Triangle: " << sqrt(s * (s - a) * (s - b) * (s - c)) << endl;
18     }
19 };
20
21 int main() {
22     Shape circle(5.0);
23     Shape rectangle(4.0, 6.0);
24     Shape triangle(3.0, 4.0, 5.0);
25     return 0;
26 }
27
```

```
C:\Users\Shaik Nagurvali\
Area of Circle: 78.5397
Area of Rectangle: 24
Area of Triangle: 6

-----
Process exited after 0.06814 seconds with return value 0
Press any key to continue . . .
```

Line: 27 Col: 1 Sel: 0 Lines: 27 Length: 624 Insert Done parsing in 0



C:\Users\Shaik Nagurvali\OneDrive\Documents\WPS Cloud Files\5.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Classes Debug

```
1 #include <iostream>
2 using namespace std;
3
4 class CopyConstructorDemo {
5     int x;
6 public:
7     CopyConstructorDemo(int a) : x(a) {}
8
9     CopyConstructorDemo(const CopyConstructorDemo &obj) {
10         x = obj.x;
11     }
12
13     void display() {
14         cout << "Value of x: " << x << endl;
15     }
16 };
17
18 int main() {
19     CopyConstructorDemo obj1(10);
20     CopyConstructorDemo obj2 = obj1;
21
22     obj1.display();
23     obj2.display();
24
25     return 0;
26 }
27
```

Line: 8 Col: 1 Sel: 0 Lines: 27 Length: 460 Insert Done parsing in 0 s

30°C  
Partly cloudy



ENG  
US 19:32  
08-07-2024

```
C:\Users\Shaik Nagurvali\One
Value of x: 10
Value of x: 10

-----
Process exited after 0.08968 seconds with return
value 0
Press any key to continue . . .
```

C:\Users\Shaik Nagurval\OneDrive\Documents\WPS Cloud Files\6.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0 64-bit Release

(globals)

Project Classes Debug

```
1 #include <iostream>
2 #include <cmath>
3 using namespace std;
4
5 class Triangle {
6 public:
7     double a, b, c;
8     Triangle(double side1, double side2, double side3) : a(side1), b(side2)
9
10    double getArea() {
11        double s = (a + b + c) / 2;
12        return sqrt(s * (s - a) * (s - b) * (s - c));
13    }
14
15    double getPerimeter() {
16        return a + b + c;
17    }
18 };
19
20 int main() {
21     Triangle t(3.0, 4.0, 5.0);
22     cout << "Area of the triangle: " << t.getArea() << endl;
23     cout << "Perimeter of the triangle: " << t.getPerimeter() << endl;
24     return 0;
25 }
26
```

Line: 26 Col: 1 Sel: 0 Lines: 26 Length: 595 Insert Done parsing in 0 seconds

C:\Users\Shaik Nagurval\One

Area of the triangle: 6  
Perimeter of the triangle: 12

-----  
Process exited after 0.0656 seconds with return value 0  
Press any key to continue . . . |

30°C Partly cloudy

ENG US 19:33 08-07-2024

C:\Users\Shaik Nagurvali\OneDrive\Documents\WPS Cloud Files\7.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 9.2.0

(globals)

Project Classes Debug

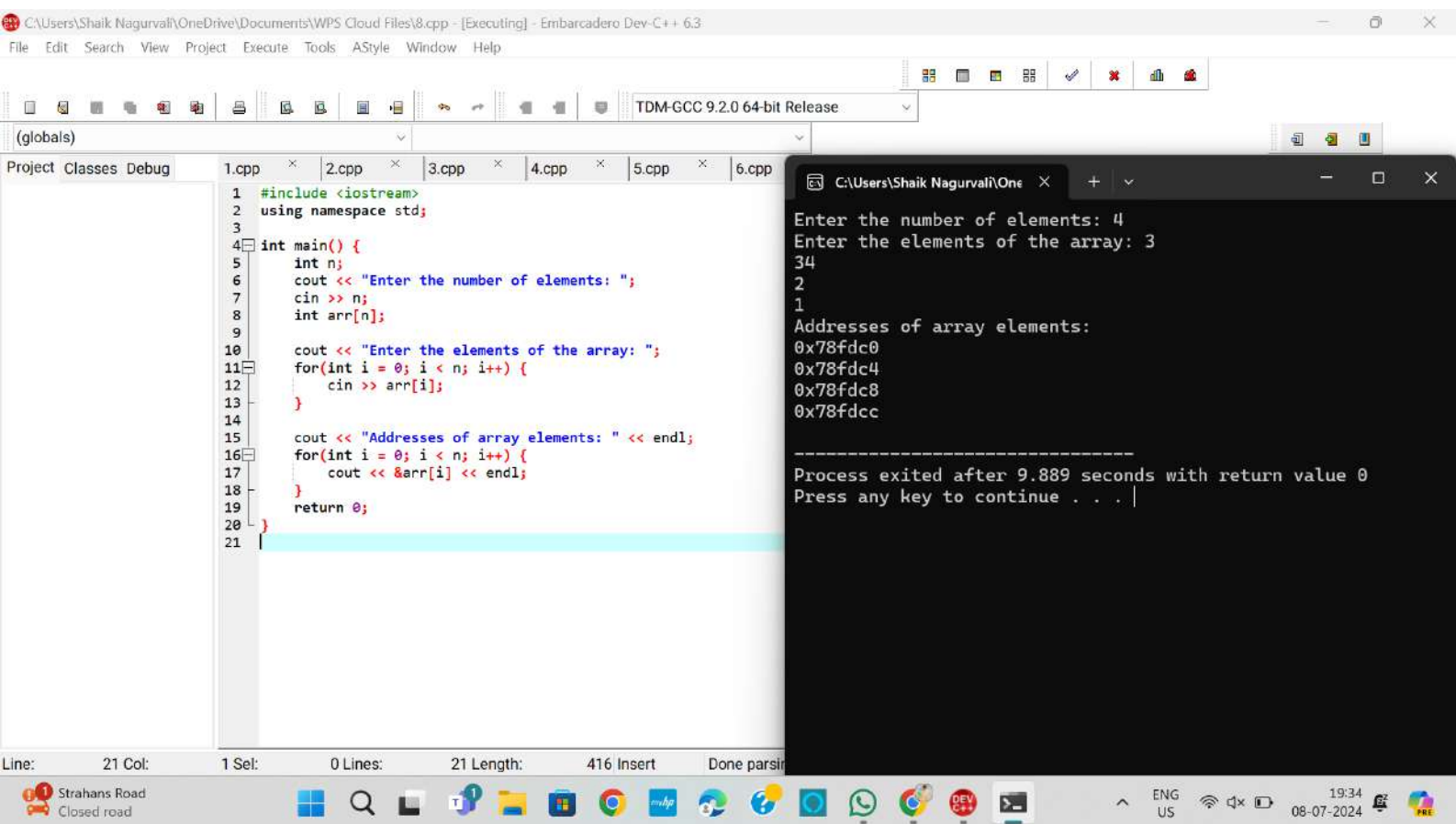
```
1.cpp x 2.cpp x 3.cpp x 4.cpp x 5.cpp x 6.cpp x
1 #include <iostream>
2 using namespace std;
3
4 class Degree {
5 public:
6     void getDegree() {
7         cout << "I got a Degree" << endl;
8     }
9 };
10
11 int main() {
12     Degree myDegree;
13     myDegree.getDegree();
14     return 0;
15 }
16
```

Line: 16 Col: 16 Sel: 0 Lines: 16 Length: 231 Insert Done

C:\Users\Shaik Nagurvali\OneDrive\Documents\WPS Cloud Files\7.cpp - [Executing] - Embarcadero Dev-C++ 6.3

```
I got a Degree
-----
Process exited after 0.0732 seconds with return value 0
Press any key to continue . . .
```







C:\Users\Shaik Nagurval\OneDrive\Documents\WPS Cloud Files\9.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug

```
1.cpp x 2.cpp x 3.cpp x 4.cpp x 5.cpp x
1 #include <iostream>
2 using namespace std;
3
4 int factorial(int n) {
5     if(n == 0 || n == 1) return 1;
6     return n * factorial(n - 1);
7 }
8
9 int main() {
10     double sum = 0;
11     for(int i = 1; i <= 5; i++) {
12         sum += (double) factorial(i) / i;
13     }
14     cout << "Sum of the series is: " << sum << endl;
15     return 0;
16 }
17
```

C:\Users\Shaik Nagurval\One x + -

Sum of the series is: 34

```
-----
Process exited after 0.0737 seconds with return value
0
Press any key to continue . . .
```

Line: 17 Col: 17 Sel: 0 Lines: 17 Length: 336 Insert Done parsing in 0 seconds

Strahans Road  
Closed road



ENG  
US



19:34

08-07-2024



