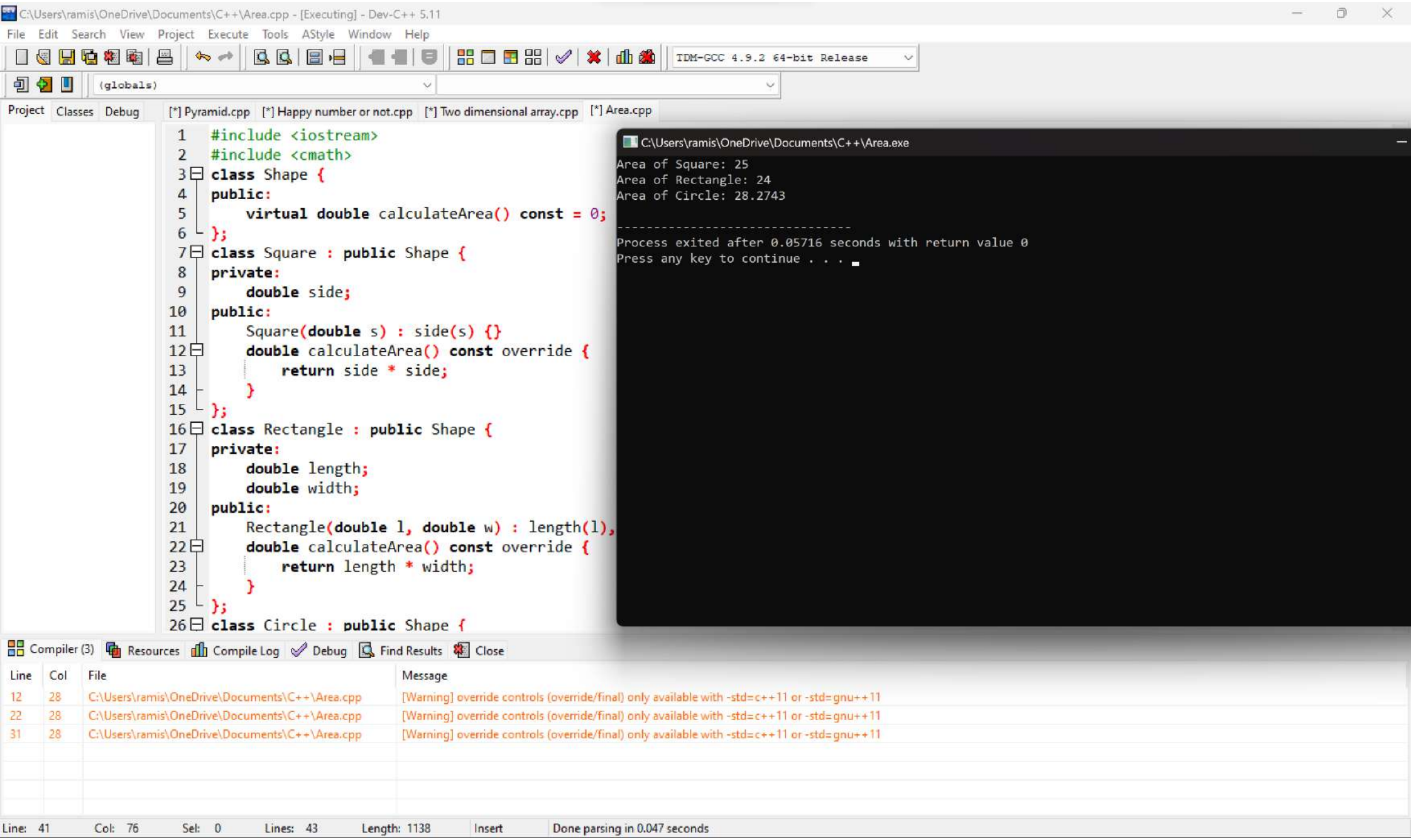
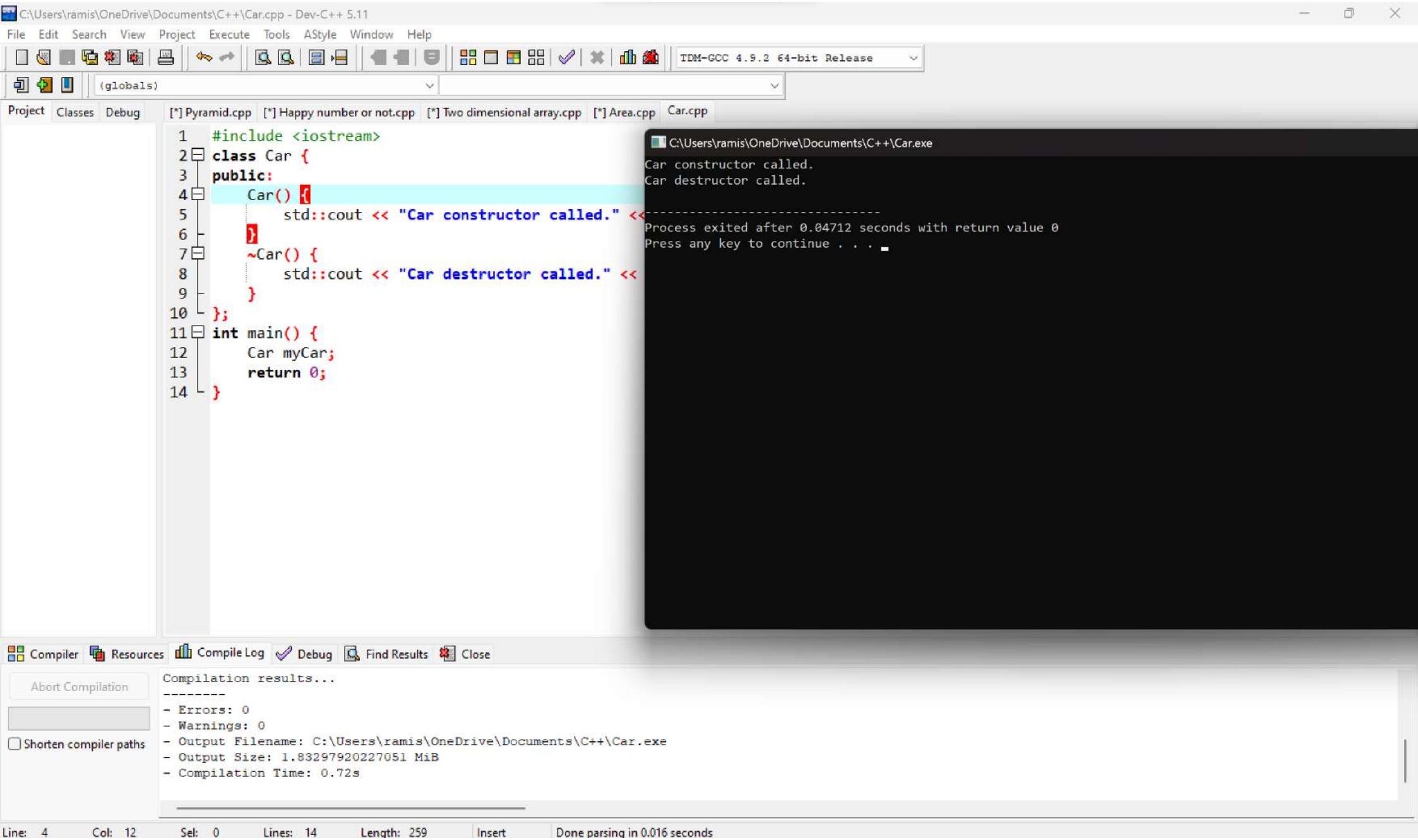
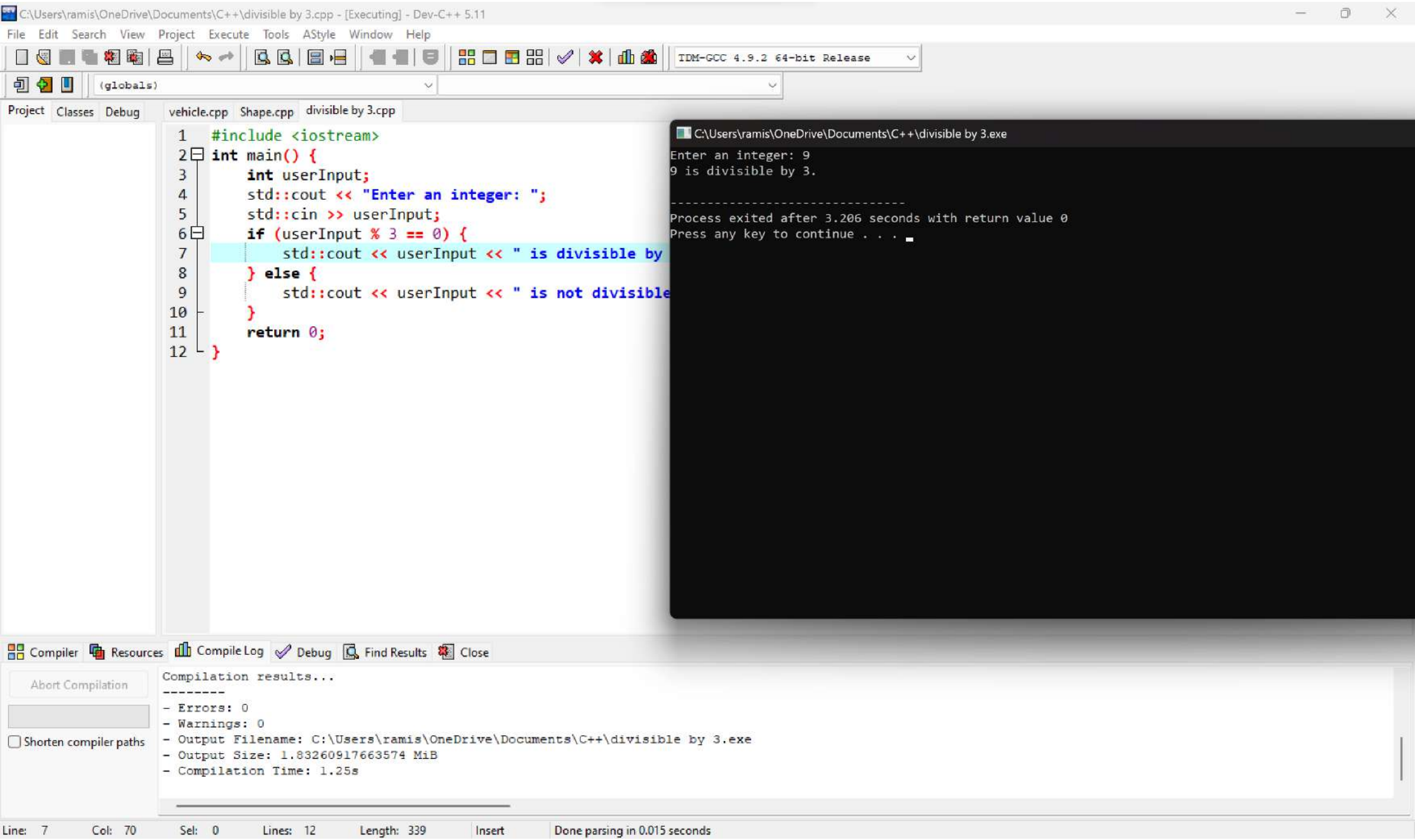
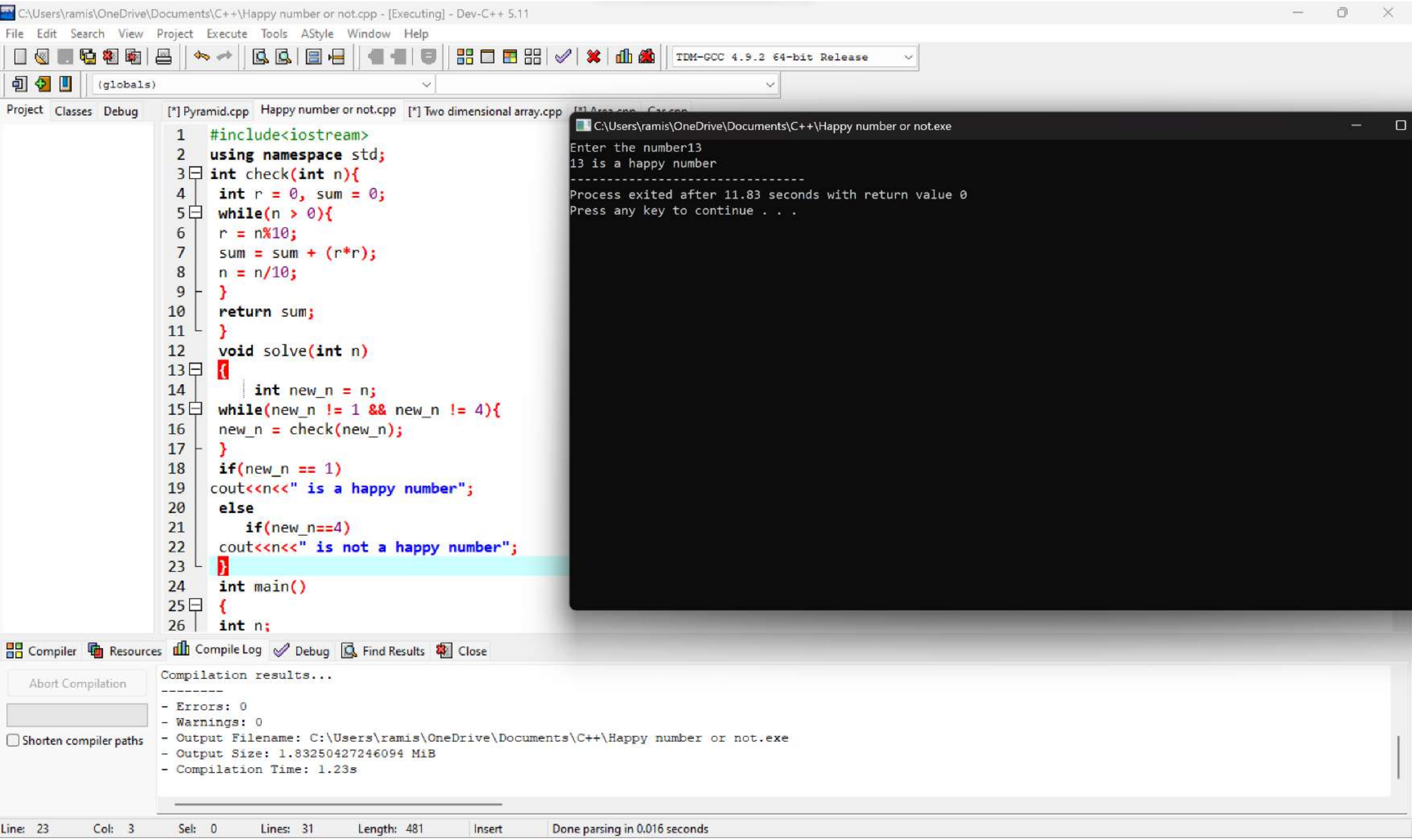

C:\Users\ramis\OneDrive\Documents\C++\Area.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
[*] Pyramid.cpp
[*] Happy number or not.cpp
[*] Two dimensional array.cpp
[*] Area.cpp
#include <iostream>
#include <cmath>
class Shape {
public:
virtual double calculateArea() const = 0;
};
class Square : public Shape {
private:
double side;
public:
Square(double s) : side(s) {}
double calculateArea() const override {
return side * side;
}
};
class Rectangle : public Shape {
private:
double length;
double width;
public:
Rectangle(double l, double w) : length(l),
double calculateArea() const override {
return length * width;
}
};
class Circle : public Shape {
C:\Users\ramis\OneDrive\Documents\C++\Area.exe
Area of Square: 25
Area of Rectangle: 24
Area of Circle: 28.2743
Process exited after 0.05716 seconds with return value 0
Press any key to continue . . .
Compiler (3) Resources Compile Log Debug Find Results Close
Line Col File Message
12 28 C:\Users\ramis\OneDrive\Documents\C++\Area.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
22 28 C:\Users\ramis\OneDrive\Documents\C++\Area.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
31 28 C:\Users\ramis\OneDrive\Documents\C++\Area.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
Line: 41 Col: 76 Sel: 0 Lines: 43 Length: 1138 Insert Done parsing in 0.047 seconds

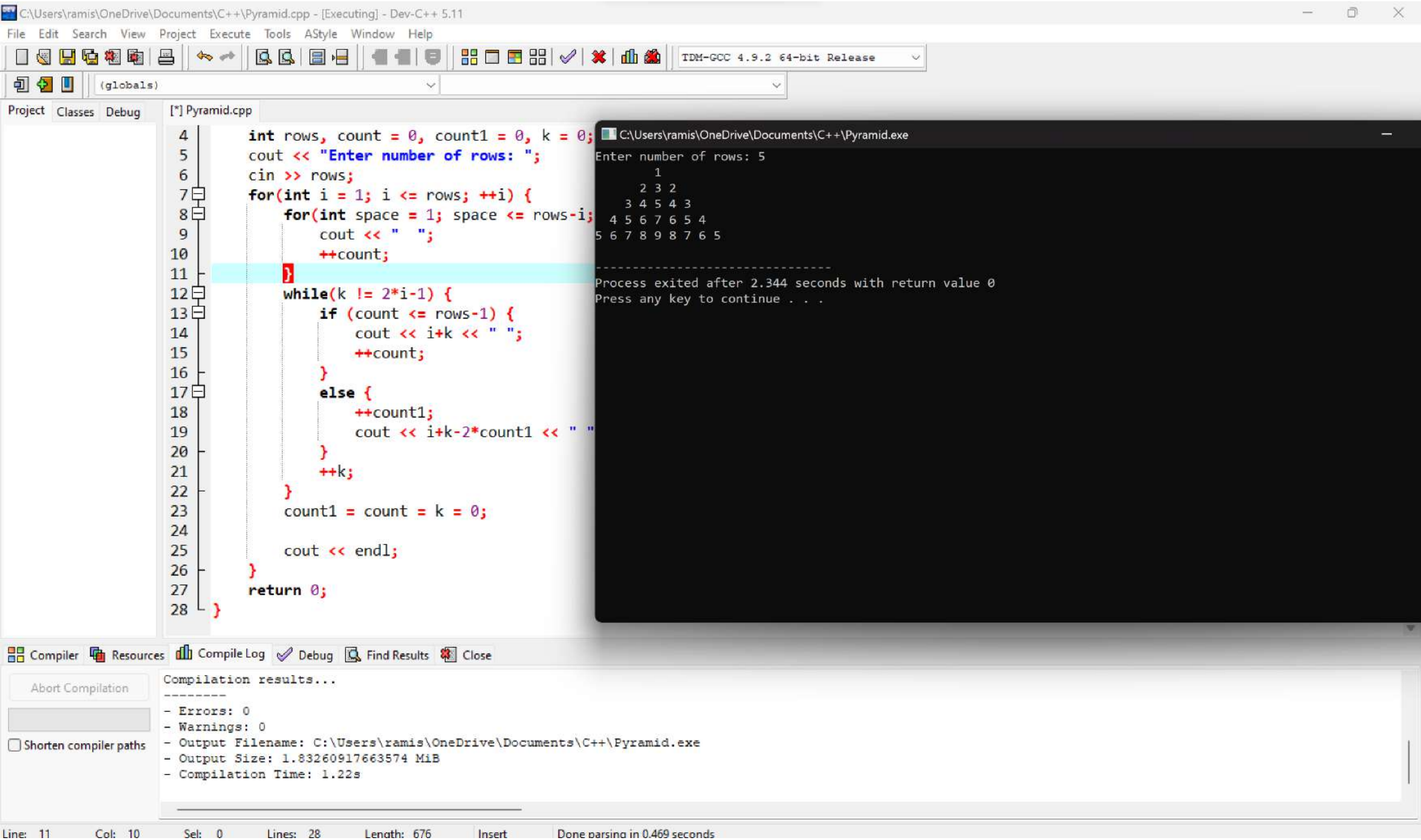

C:\Users\ramis\OneDrive\Documents\C++\Car.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
[*] Pyramid.cpp
[*] Happy number or not.cpp
[*] Two dimensional array.cpp
[*] Area.cpp
Car.cpp
#include <iostream>
class Car {
public:
Car() {
std::cout << "Car constructor called." <<
}
~Car() {
std::cout << "Car destructor called." <<
}
};
int main() {
Car myCar;
return 0;
}
C:\Users\ramis\OneDrive\Documents\C++\Car.exe
Car constructor called.
Car destructor called.

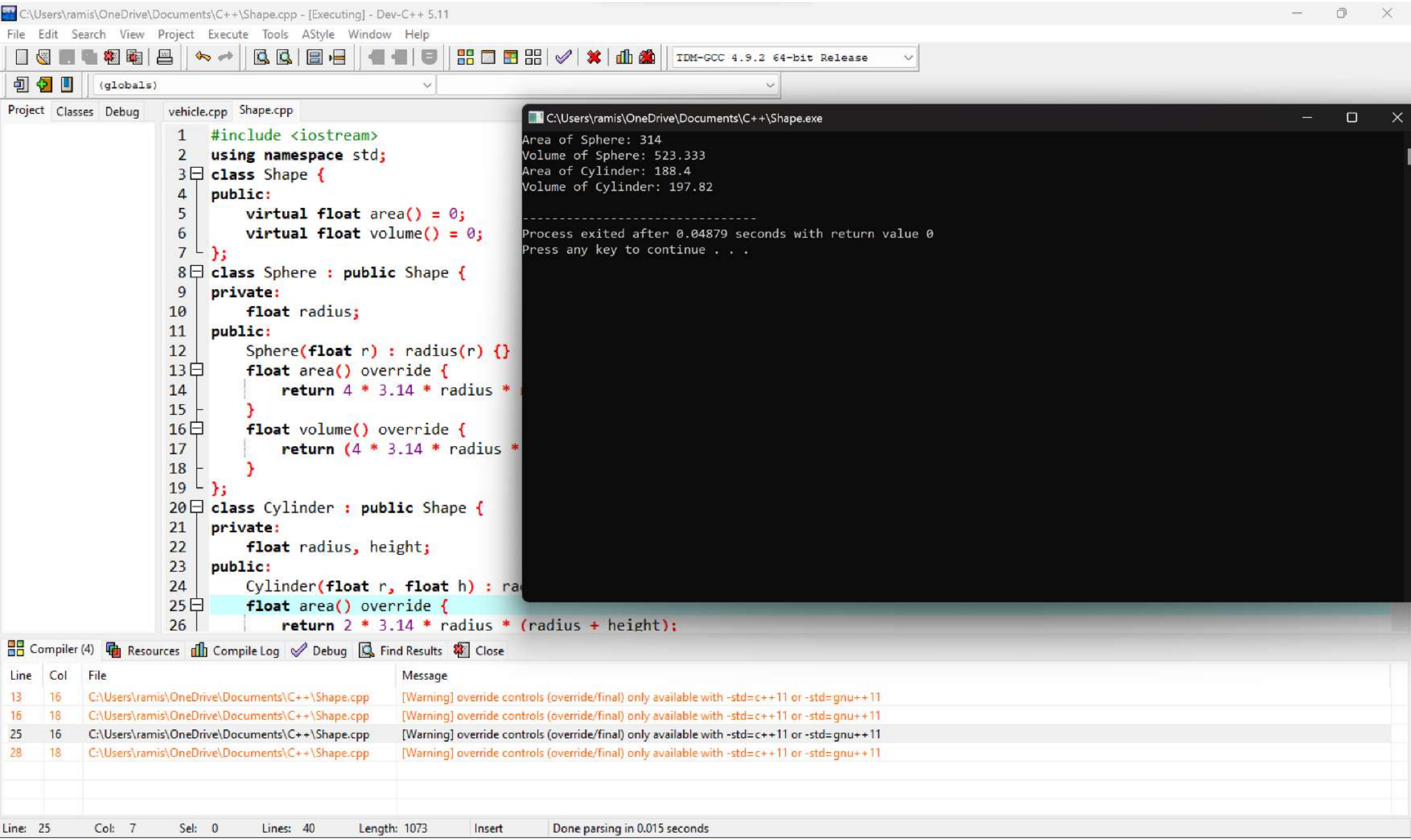
Process exited after 0.04712 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...

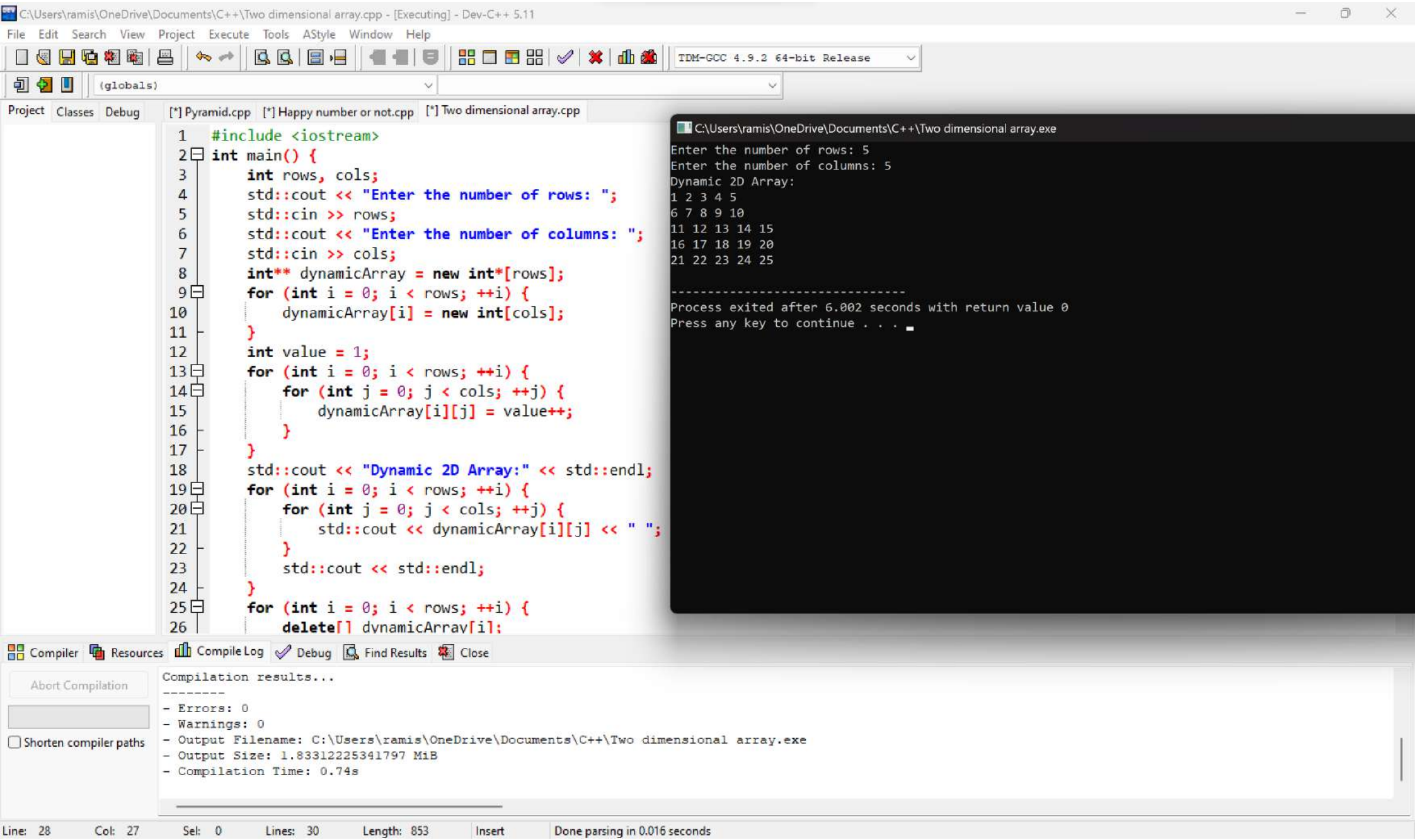
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ramis\OneDrive\Documents\C++\Car.exe
- Output Size: 1.83297920227051 MiB
- Compilation Time: 0.72s
Line: 4 Col: 12 Sel: 0 Lines: 14 Length: 259 Insert Done parsing in 0.016 seconds

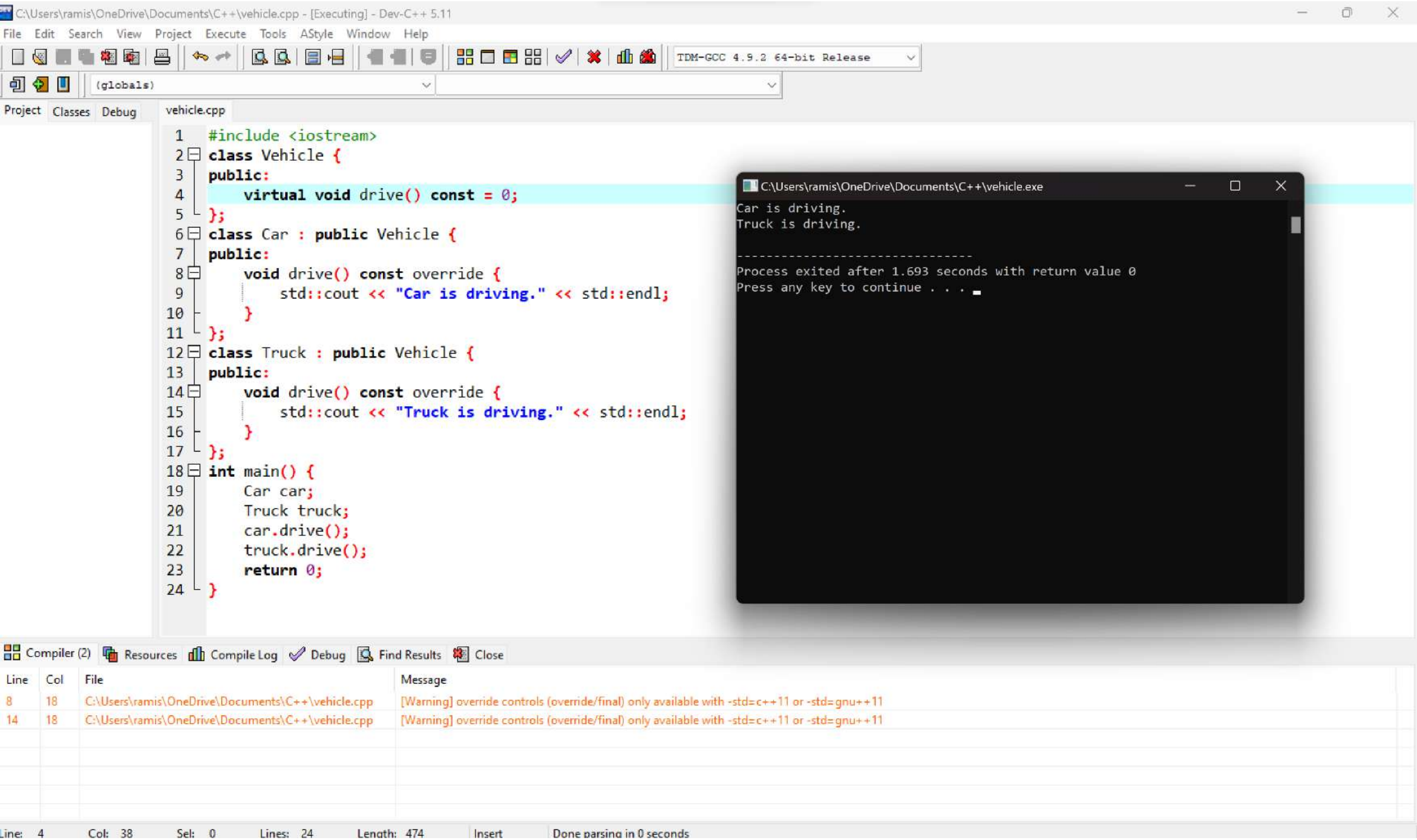

C:\Users\ramis\OneDrive\Documents\C++\divisible by 3.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
vehicle.cpp Shape.cpp divisible by 3.cpp
#include <iostream>
int main() {
int userInput;
std::cout << "Enter an integer: ";
std::cin >> userInput;
if (userInput % 3 == 0) {
std::cout << userInput << " is divisible by
} else {
std::cout << userInput << " is not divisible
}
return 0;
}
C:\Users\ramis\OneDrive\Documents\C++\divisible by 3.exe
Enter an integer: 9
9 is divisible by 3.
Process exited after 3.206 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ramis\OneDrive\Documents\C++\divisible by 3.exe
- Output Size: 1.83260917663574 MiB
- Compilation Time: 1.25s
Line: 7 Col: 70 Sel: 0 Lines: 12 Length: 339 Insert Done parsing in 0.015 seconds


C:\Users\ramis\OneDrive\Documents\C++\Happy number or not.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
[*] Pyramid.cpp
Happy number or not.cpp
[*] Two dimensional array.cpp
#include<iostream>
using namespace std;
int check(int n){
int r = 0, sum = 0;
while(n > 0){
r = n%10;
sum = sum + (r*r);
n = n/10;
}
return sum;
}
void solve(int n)
{
int new_n = n;
while(new_n != 1 && new_n != 4){
new_n = check(new_n);
}
if(new_n == 1)
cout<<n<<" is a happy number";
else
if(new_n==4)
cout<<n<<" is not a happy number";
}
int main()
{
int n;
C:\Users\ramis\OneDrive\Documents\C++\Happy number or not.exe
Enter the number13
13 is a happy number
Process exited after 11.83 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ramis\OneDrive\Documents\C++\Happy number or not.exe
- Output Size: 1.83250427246094 MiB
- Compilation Time: 1.23s
Line: 23 Col: 3 Sel: 0 Lines: 31 Length: 481 Insert Done parsing in 0.016 seconds


C:\Users\ramis\OneDrive\Documents\C++\Pyramid.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
[*] Pyramid.cpp
4 int rows, count = 0, count1 = 0, k = 0;
5 cout << "Enter number of rows: ";
6 cin >> rows;
7 for(int i = 1; i <= rows; ++i) {
8 for(int space = 1; space <= rows-i;
9 cout << " ";
10 ++count;
11 }
12 while(k != 2*i-1) {
13 if (count <= rows-1) {
14 cout << i+k << " ";
15 ++count;
16 }
17 else {
18 ++count1;
19 cout << i+k-2*count1 << " "
20 }
21 ++k;
22 }
23 count1 = count = k = 0;
24
25 cout << endl;
26 }
27 return 0;
28 }
C:\Users\ramis\OneDrive\Documents\C++\Pyramid.exe
Enter number of rows: 5
1
2 3 2
3 4 5 4 3
4 5 6 7 6 5 4
5 6 7 8 9 8 7 6 5
Process exited after 2.344 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ramis\OneDrive\Documents\C++\Pyramid.exe
- Output Size: 1.83260917663574 MiB
- Compilation Time: 1.22s
Line: 11 Col: 10 Sel: 0 Lines: 28 Length: 676 Insert Done parsing in 0.469 seconds


C:\Users\ramis\OneDrive\Documents\C++\Shape.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
vehicle.cpp Shape.cpp
#include <iostream>
using namespace std;
class Shape {
public:
virtual float area() = 0;
virtual float volume() = 0;
};
class Sphere : public Shape {
private:
float radius;
public:
Sphere(float r) : radius(r) {}
float area() override {
return 4 * 3.14 * radius *
}
float volume() override {
return (4 * 3.14 * radius *
}
};
class Cylinder : public Shape {
private:
float radius, height;
public:
Cylinder(float r, float h) : ra
float area() override {
return 2 * 3.14 * radius * (radius + height);
C:\Users\ramis\OneDrive\Documents\C++\Shape.exe
Area of Sphere: 314
Volume of Sphere: 523.333
Area of Cylinder: 188.4
Volume of Cylinder: 197.82
Process exited after 0.04879 seconds with return value 0
Press any key to continue . . .
Compiler (4) Resources Compile Log Debug Find Results Close
Line Col File Message
13 16 C:\Users\ramis\OneDrive\Documents\C++\Shape.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
16 18 C:\Users\ramis\OneDrive\Documents\C++\Shape.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
25 16 C:\Users\ramis\OneDrive\Documents\C++\Shape.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
28 18 C:\Users\ramis\OneDrive\Documents\C++\Shape.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
Line: 25 Col: 7 Sel: 0 Lines: 40 Length: 1073 Insert Done parsing in 0.015 seconds


C:\Users\ramis\OneDrive\Documents\C++\Two dimensional array.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
[*] Pyramid.cpp
[*] Happy number or not.cpp
[*] Two dimensional array.cpp
#include <iostream>
int main() {
int rows, cols;
std::cout << "Enter the number of rows: ";
std::cin >> rows;
std::cout << "Enter the number of columns: ";
std::cin >> cols;
int** dynamicArray = new int*[rows];
for (int i = 0; i < rows; ++i) {
dynamicArray[i] = new int[cols];
}
int value = 1;
for (int i = 0; i < rows; ++i) {
for (int j = 0; j < cols; ++j) {
dynamicArray[i][j] = value++;
}
}
std::cout << "Dynamic 2D Array:" << std::endl;
for (int i = 0; i < rows; ++i) {
for (int j = 0; j < cols; ++j) {
std::cout << dynamicArray[i][j] << " ";
}
std::cout << std::endl;
}
for (int i = 0; i < rows; ++i) {
delete[] dynamicArray[i];
C:\Users\ramis\OneDrive\Documents\C++\Two dimensional array.exe
Enter the number of rows: 5
Enter the number of columns: 5
Dynamic 2D Array:
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
21 22 23 24 25
Process exited after 6.002 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\ramis\OneDrive\Documents\C++\Two dimensional array.exe
- Output Size: 1.83312225341797 MiB
- Compilation Time: 0.74s
Line: 28 Col: 27 Sel: 0 Lines: 30 Length: 853 Insert Done parsing in 0.016 seconds


C:\Users\ramis\OneDrive\Documents\C++\vehicle.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
vehicle.cpp
#include <iostream>
class Vehicle {
public:
virtual void drive() const = 0;
};
class Car : public Vehicle {
public:
void drive() const override {
std::cout << "Car is driving." << std::endl;
}
};
class Truck : public Vehicle {
public:
void drive() const override {
std::cout << "Truck is driving." << std::endl;
}
};
int main() {
Car car;
Truck truck;
car.drive();
truck.drive();
return 0;
}
C:\Users\ramis\OneDrive\Documents\C++\vehicle.exe
Car is driving.
Truck is driving.

Process exited after 1.693 seconds with return value 0
Press any key to continue . . .
Compiler (2) Resources Compile Log Debug Find Results Close
Line Col File Message
8 18 C:\Users\ramis\OneDrive\Documents\C++\vehicle.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
14 18 C:\Users\ramis\OneDrive\Documents\C++\vehicle.cpp [Warning] override controls (override/final) only available with -std=c++11 or -std=gnu++11
Line: 4 Col: 38 Sel: 0 Lines: 24 Length: 474 Insert Done parsing in 0 seconds