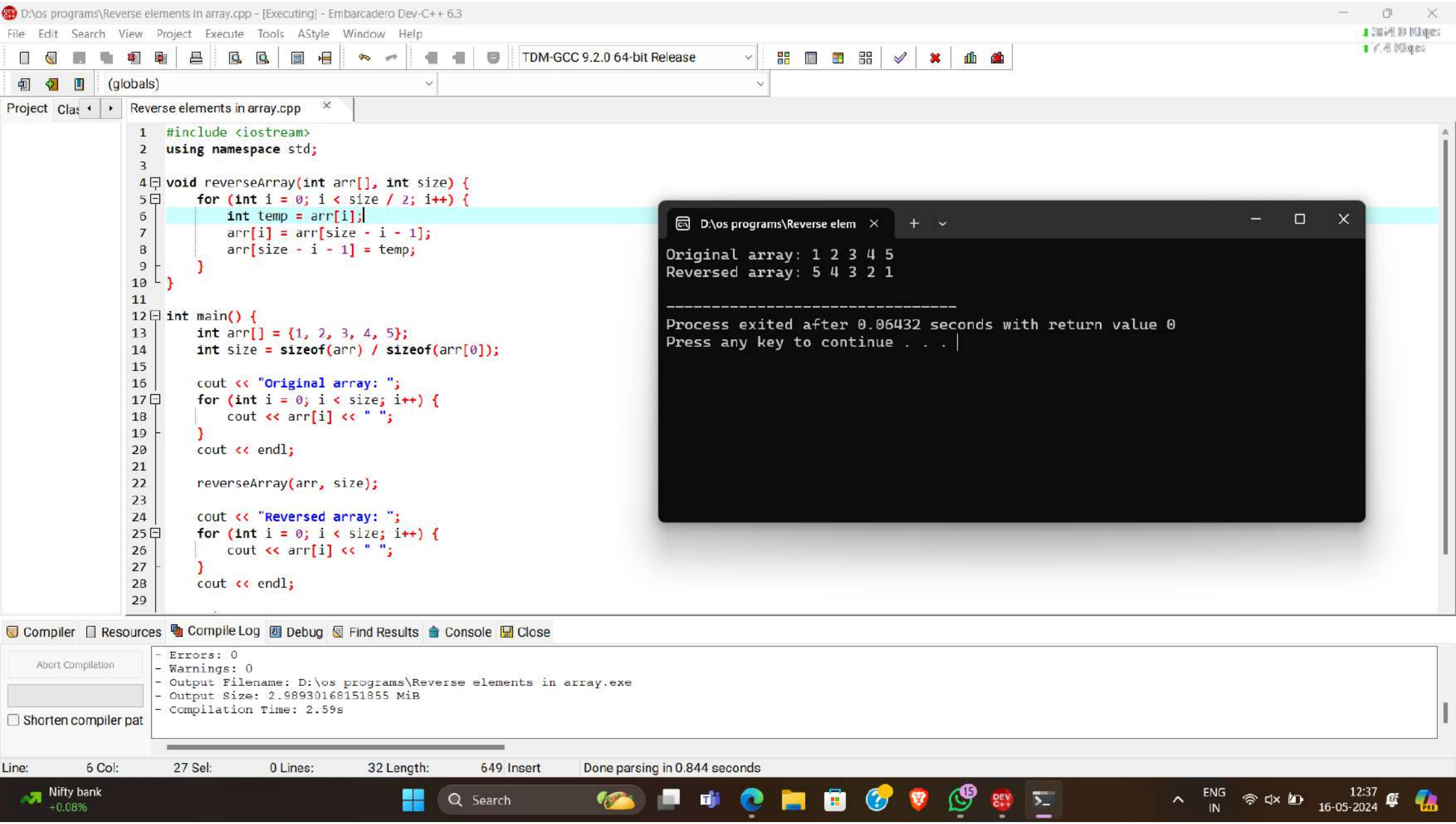
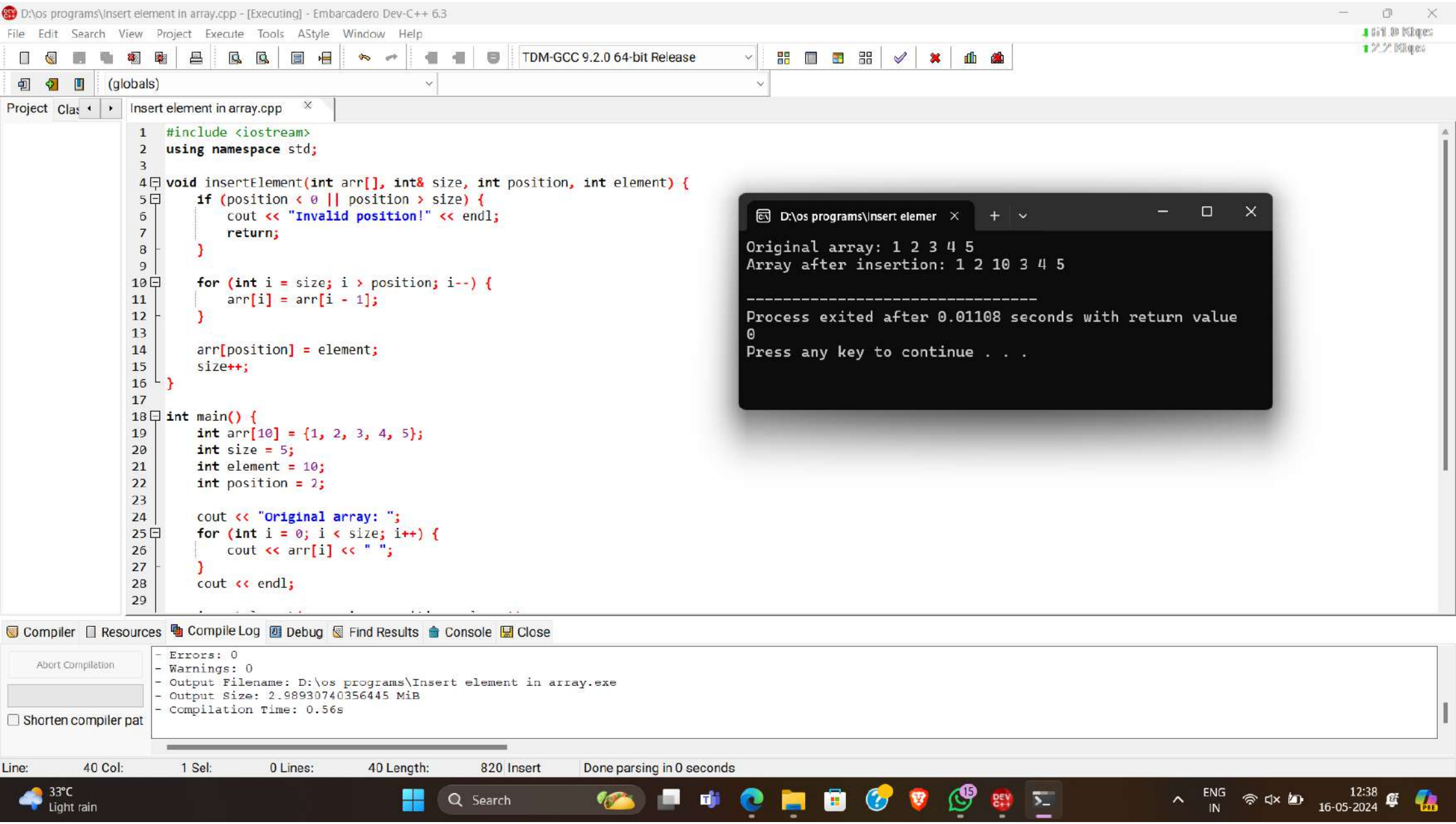
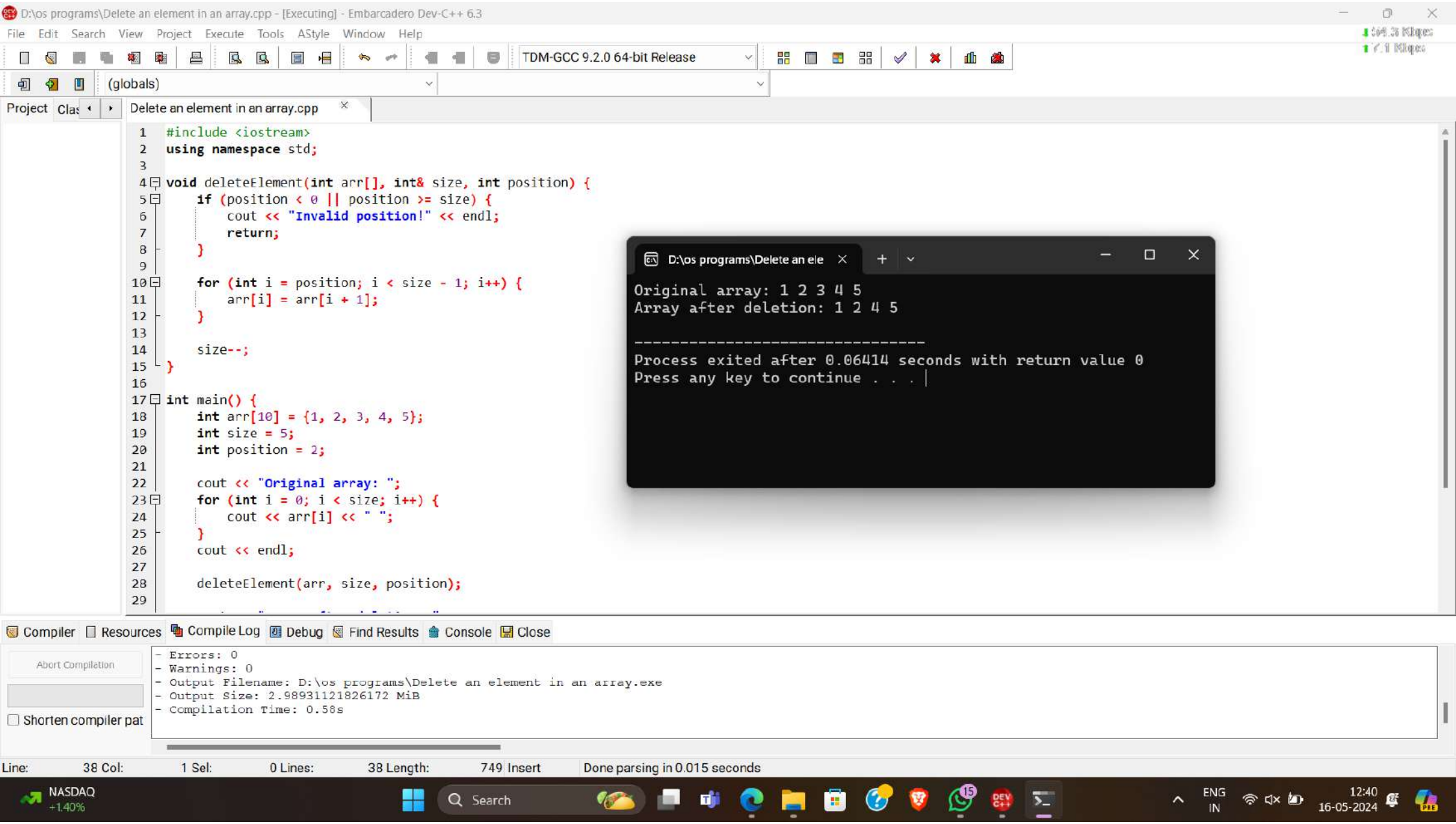
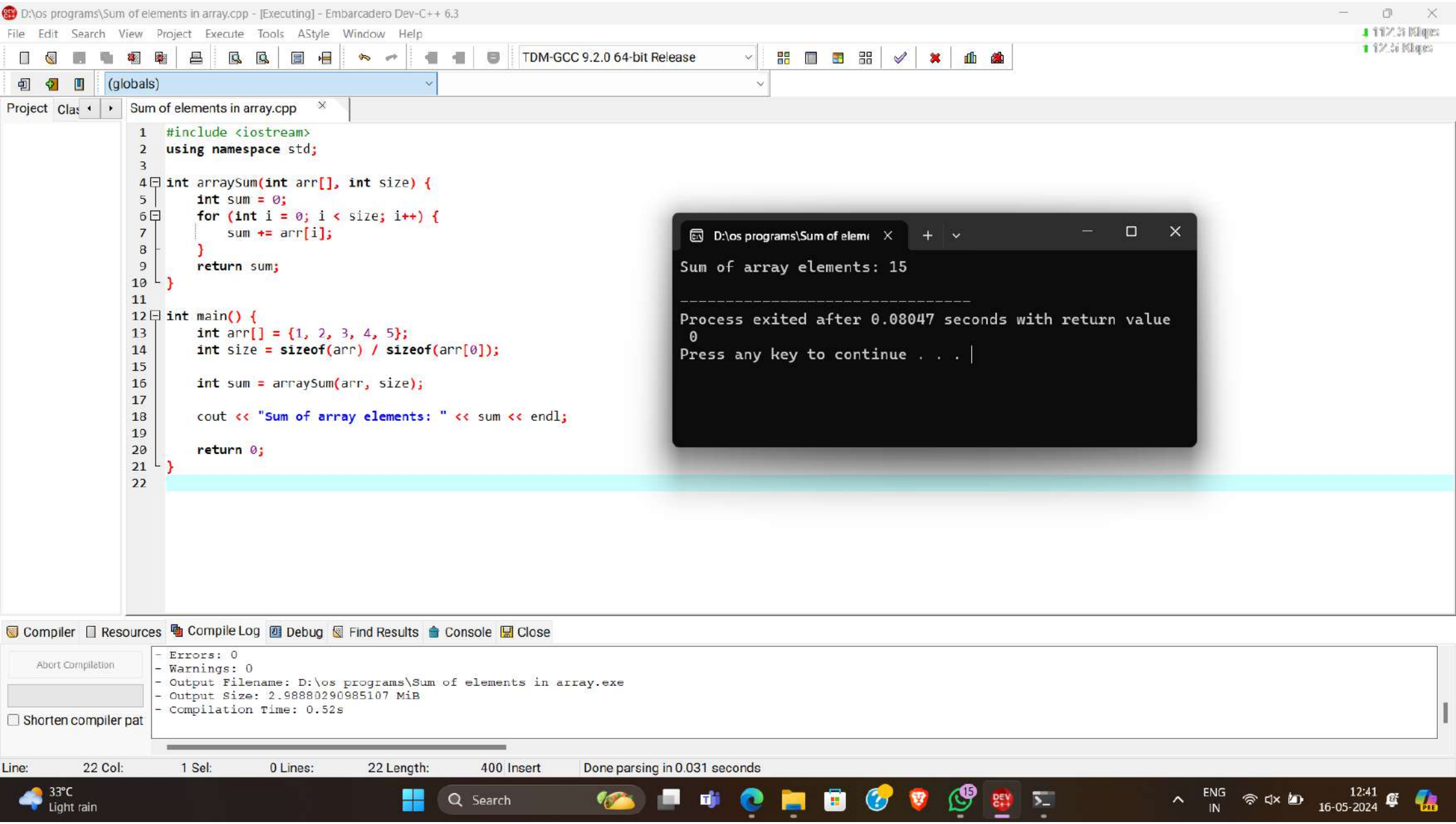
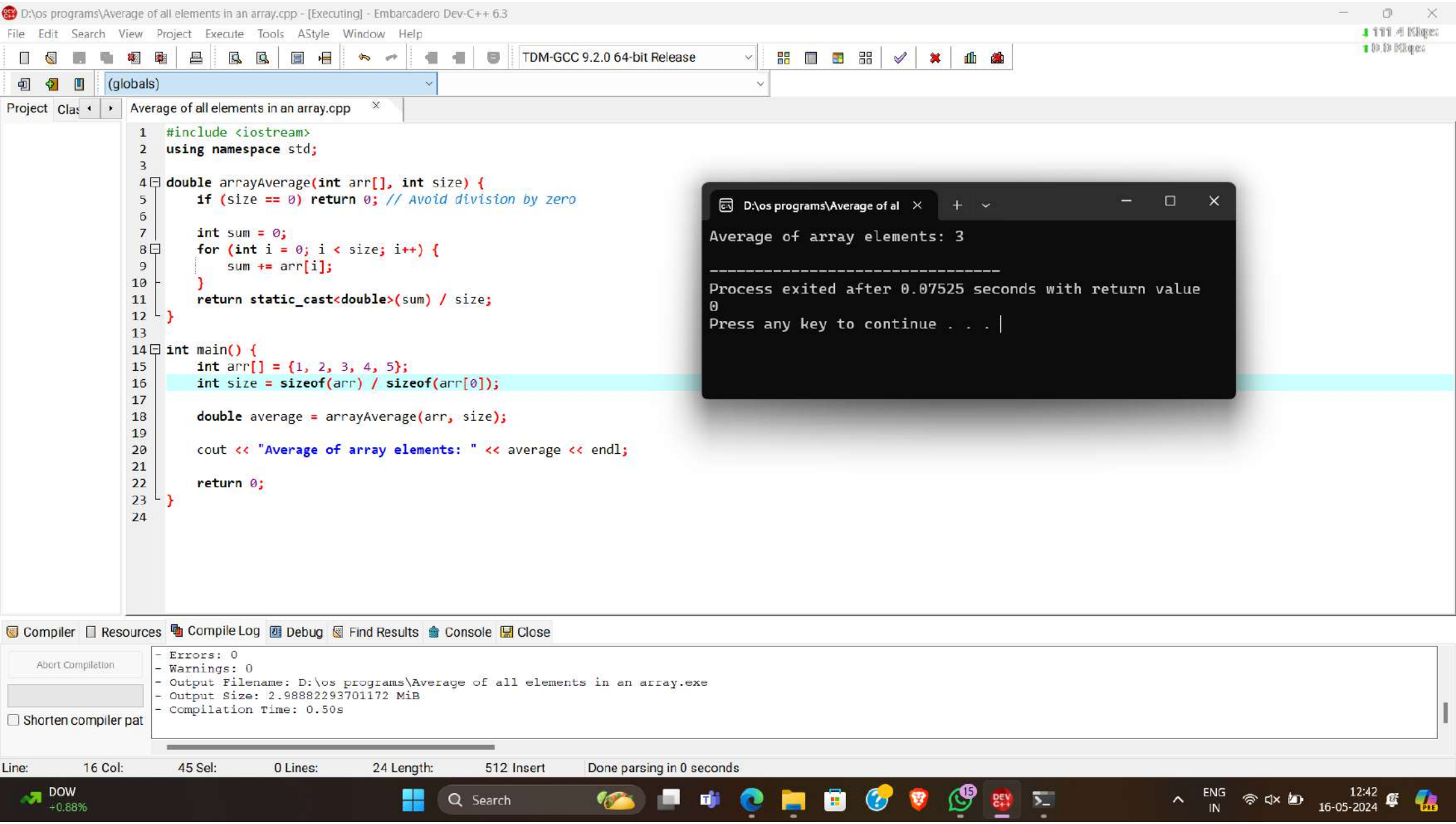
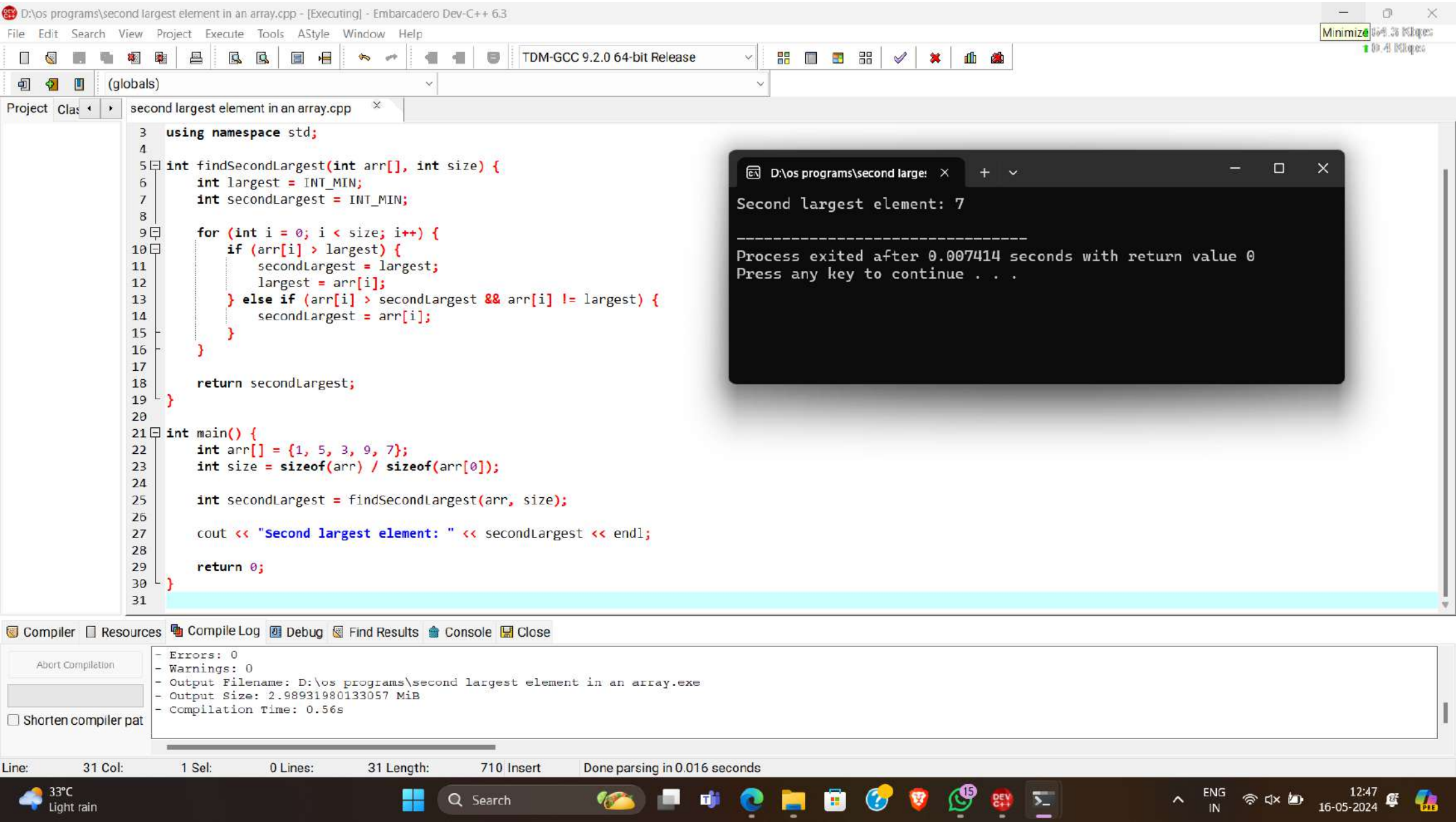

D:\os programs\Reverse elements in array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
Reverse elements in array.cpp
#include <iostream>
using namespace std;
void reverseArray(int arr[], int size) {
for (int i = 0; i < size / 2; i++) {
int temp = arr[i];
arr[i] = arr[size - i - 1];
arr[size - i - 1] = temp;
}
}
int main() {
int arr[] = {1, 2, 3, 4, 5};
int size = sizeof(arr) / sizeof(arr[0]);
cout << "Original array: ";
for (int i = 0; i < size; i++) {
cout << arr[i] << " ";
}
cout << endl;
reverseArray(arr, size);
cout << "Reversed array: ";
for (int i = 0; i < size; i++) {
cout << arr[i] << " ";
}
cout << endl;
D:\os programs\Reverse elem
Original array: 1 2 3 4 5
Reversed array: 5 4 3 2 1
Process exited after 0.06432 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Reverse elements in array.exe
- Output Size: 2.98930168151855 MiB
- Compilation Time: 2.59s
Line: 6 Col: 27 Sel: 0 Lines: 32 Length: 649 Insert
Done parsing in 0.844 seconds
Nifty bank
+0.08%
Search
ENG
IN
12:37
16-05-2024

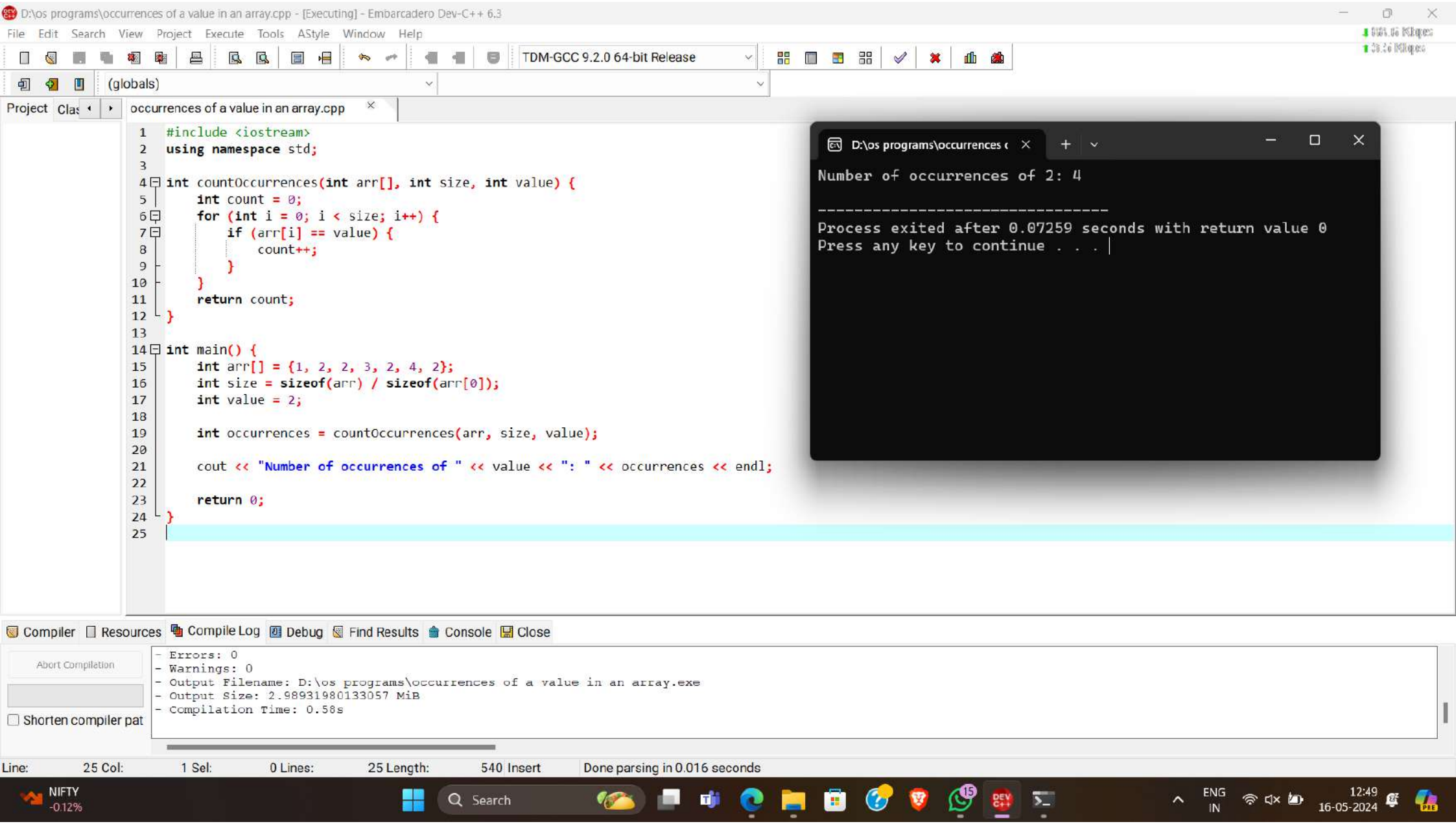

D:\os programs\Insert element in array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
Insert element in array.cpp
#include <iostream>
using namespace std;
void insertElement(int arr[], int& size, int position, int element) {
if (position < 0 || position > size) {
cout << "Invalid position!" << endl;
return;
}
for (int i = size; i > position; i--) {
arr[i] = arr[i - 1];
}
arr[position] = element;
size++;
}
int main() {
int arr[10] = {1, 2, 3, 4, 5};
int size = 5;
int element = 10;
int position = 2;
cout << "Original array: ";
for (int i = 0; i < size; i++) {
cout << arr[i] << " ";
}
cout << endl;
D:\os programs\Insert elemer
Original array: 1 2 3 4 5
Array after insertion: 1 2 10 3 4 5
Process exited after 0.01108 seconds with return value
0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Insert element in array.exe
- Output Size: 2.98930740356445 MiB
- Compilation Time: 0.56s
Line: 40 Col: 1 Sel: 0 Lines: 40 Length: 820 Insert
Done parsing in 0 seconds
33°C Light rain
Search
ENG IN
12:38 16-05-2024

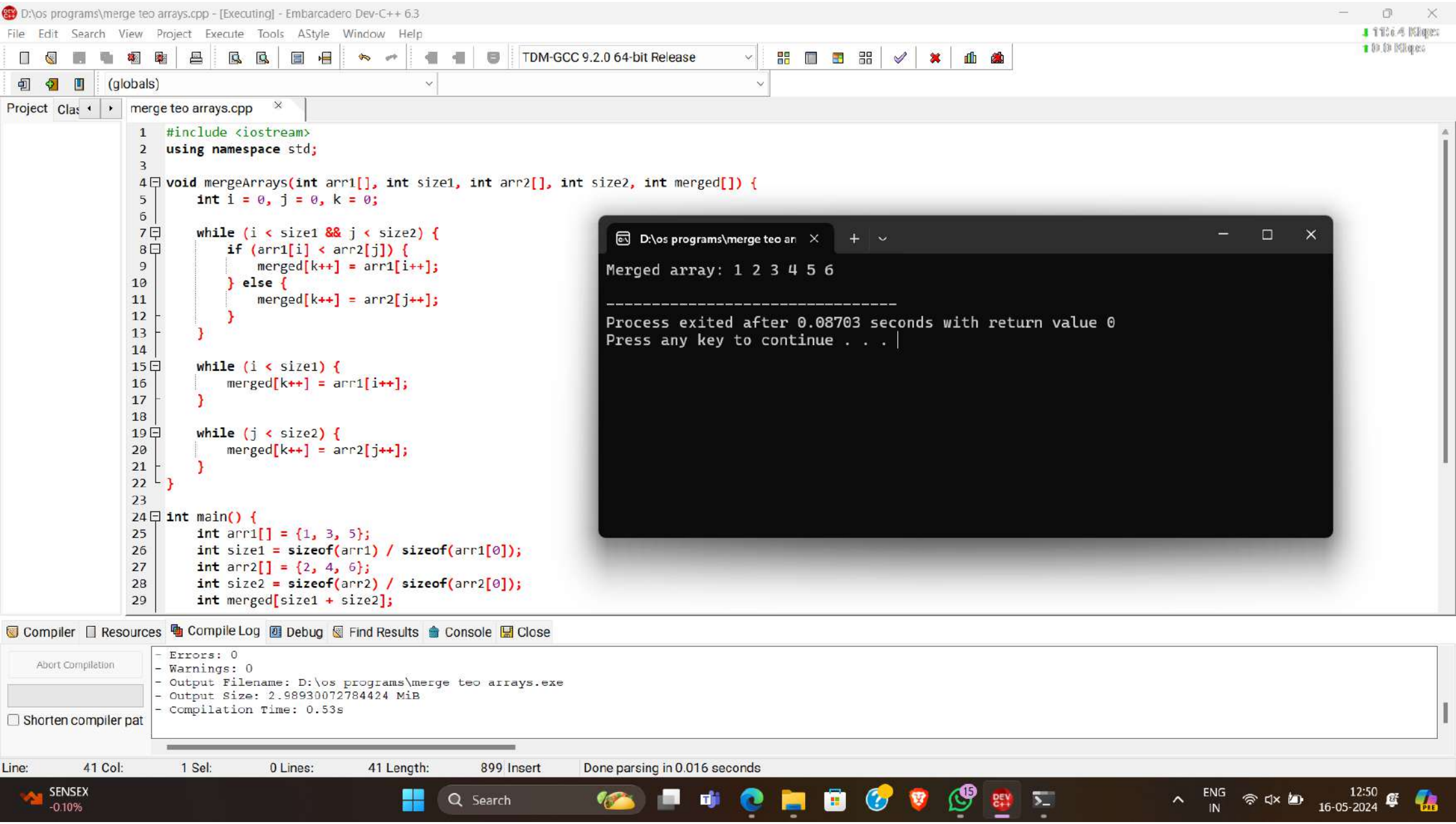

D:\os programs\Delete an element in an array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
Delete an element in an array.cpp
#include <iostream>
using namespace std;
void deleteElement(int arr[], int& size, int position) {
if (position < 0 || position >= size) {
cout << "Invalid position!" << endl;
return;
}
for (int i = position; i < size - 1; i++) {
arr[i] = arr[i + 1];
}
size--;
}
int main() {
int arr[10] = {1, 2, 3, 4, 5};
int size = 5;
int position = 2;
cout << "Original array: ";
for (int i = 0; i < size; i++) {
cout << arr[i] << " ";
}
cout << endl;
deleteElement(arr, size, position);
D:\os programs\Delete an ele
Original array: 1 2 3 4 5
Array after deletion: 1 2 4 5
Process exited after 0.06414 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Delete an element in an array.exe
- Output Size: 2.98931121826172 MiB
- Compilation Time: 0.58s
Line: 38 Col: 1 Sel: 0 Lines: 38 Length: 749 Insert
Done parsing in 0.015 seconds
NASDAQ +1.40%
Search
ENG IN
12:40 16-05-2024

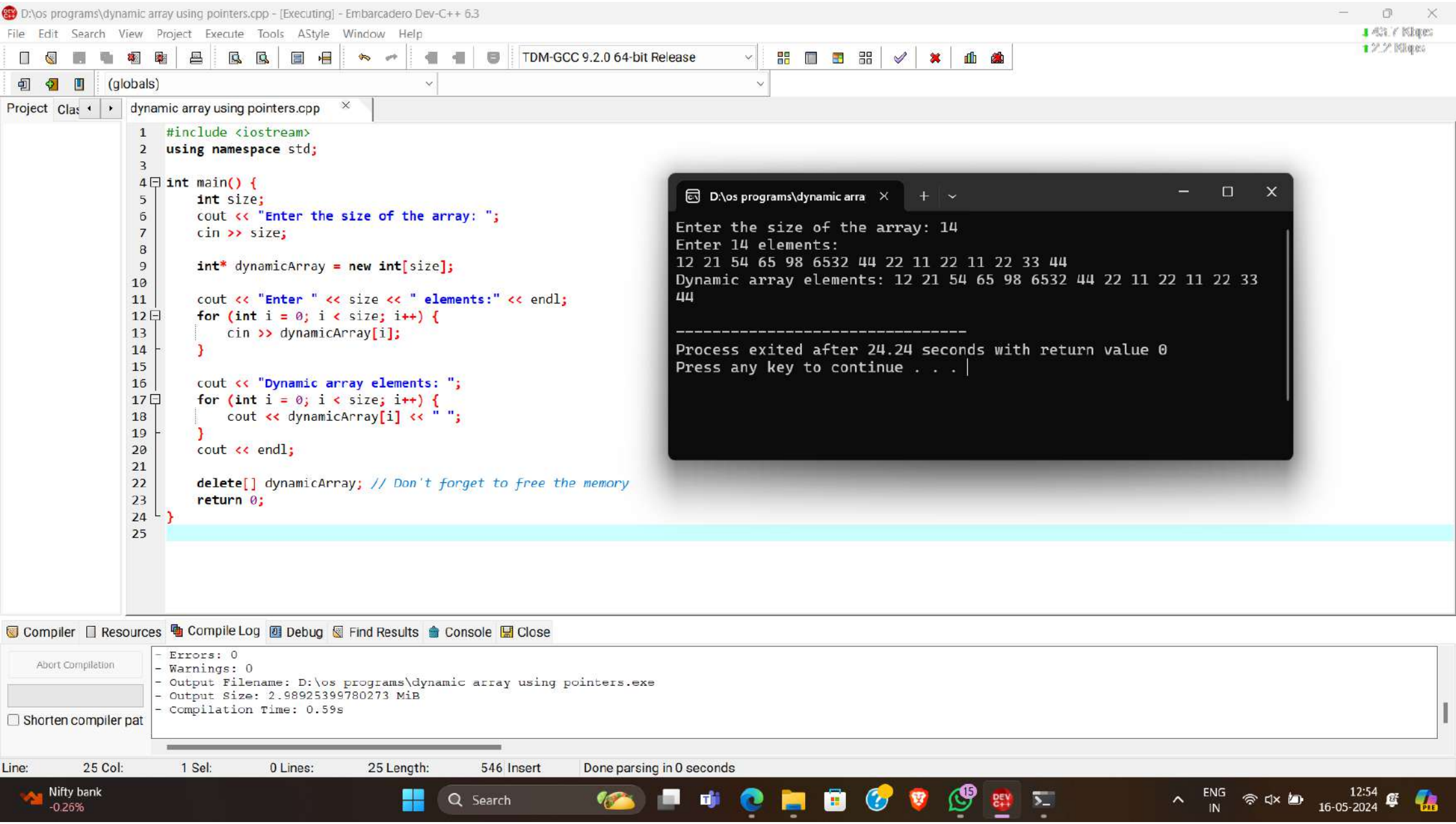

D:\os programs\Sum of elements in array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
Sum of elements in array.cpp
#include <iostream>
using namespace std;
int arraySum(int arr[], int size) {
int sum = 0;
for (int i = 0; i < size; i++) {
sum += arr[i];
}
return sum;
}
int main() {
int arr[] = {1, 2, 3, 4, 5};
int size = sizeof(arr) / sizeof(arr[0]);
int sum = arraySum(arr, size);
cout << "Sum of array elements: " << sum << endl;
return 0;
}
D:\os programs\Sum of elem
Sum of array elements: 15
Process exited after 0.08047 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Sum of elements in array.exe
- Output Size: 2.98880290985107 MiB
- Compilation Time: 0.52s
Line: 22 Col: 1 Sel: 0 Lines: 22 Length: 400 Insert
Done parsing in 0.031 seconds
33°C Light rain
Search
ENG IN
12:41 16-05-2024

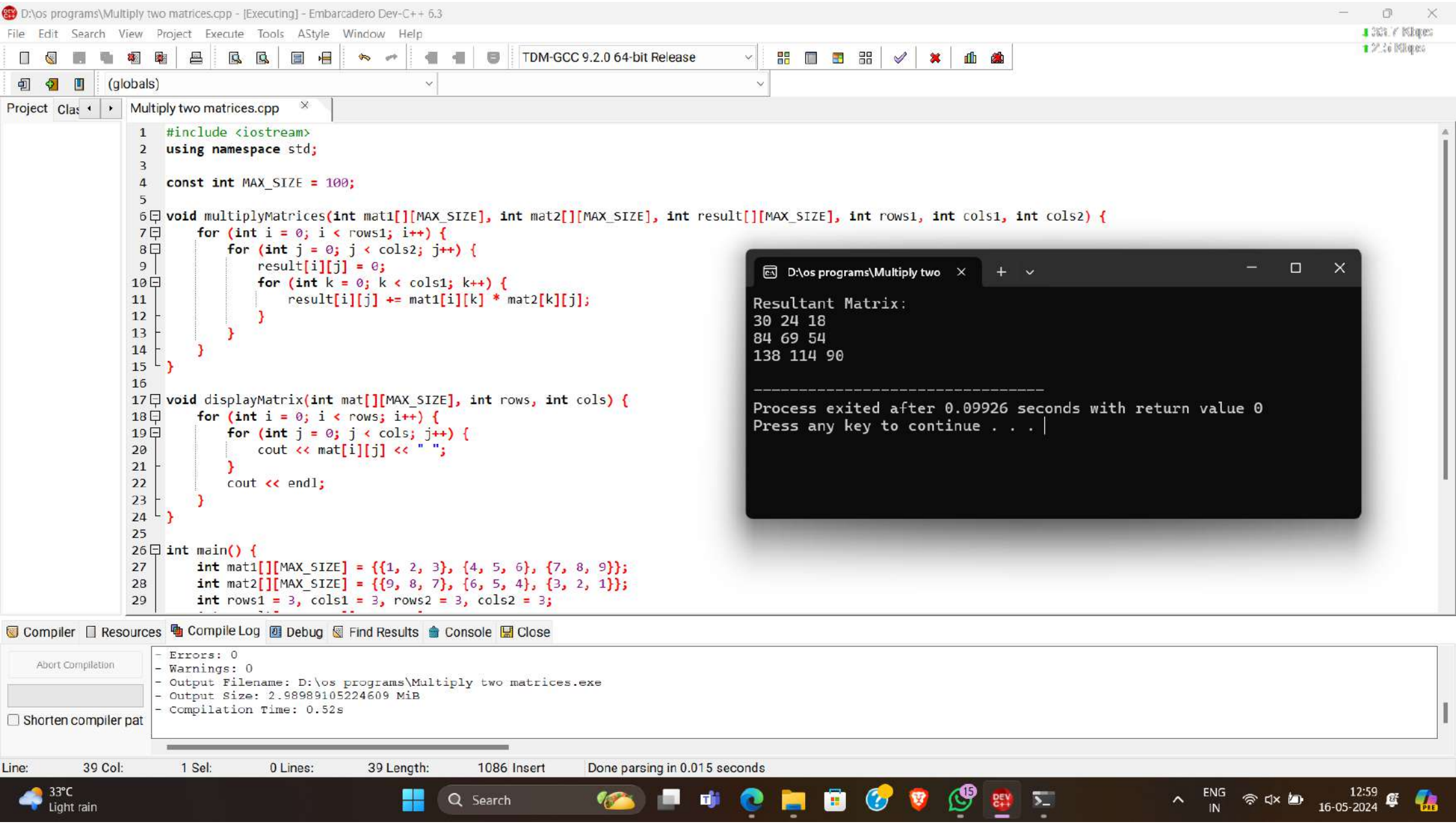

D:\os programs\Average of all elements in an array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
Average of all elements in an array.cpp
#include <iostream>
using namespace std;
double arrayAverage(int arr[], int size) {
if (size == 0) return 0; // Avoid division by zero
int sum = 0;
for (int i = 0; i < size; i++) {
sum += arr[i];
}
return static_cast<double>(sum) / size;
}
int main() {
int arr[] = {1, 2, 3, 4, 5};
int size = sizeof(arr) / sizeof(arr[0]);
double average = arrayAverage(arr, size);
cout << "Average of array elements: " << average << endl;
return 0;
}
D:\os programs\Average of al
Average of array elements: 3
Process exited after 0.07525 seconds with return value
0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Average of all elements in an array.exe
- Output Size: 2.98882293701172 MiB
- Compilation Time: 0.50s
Line: 16 Col: 45 Sel: 0 Lines: 24 Length: 512 Insert Done parsing in 0 seconds
DOW +0.88%
Search
ENG IN
12:42 16-05-2024

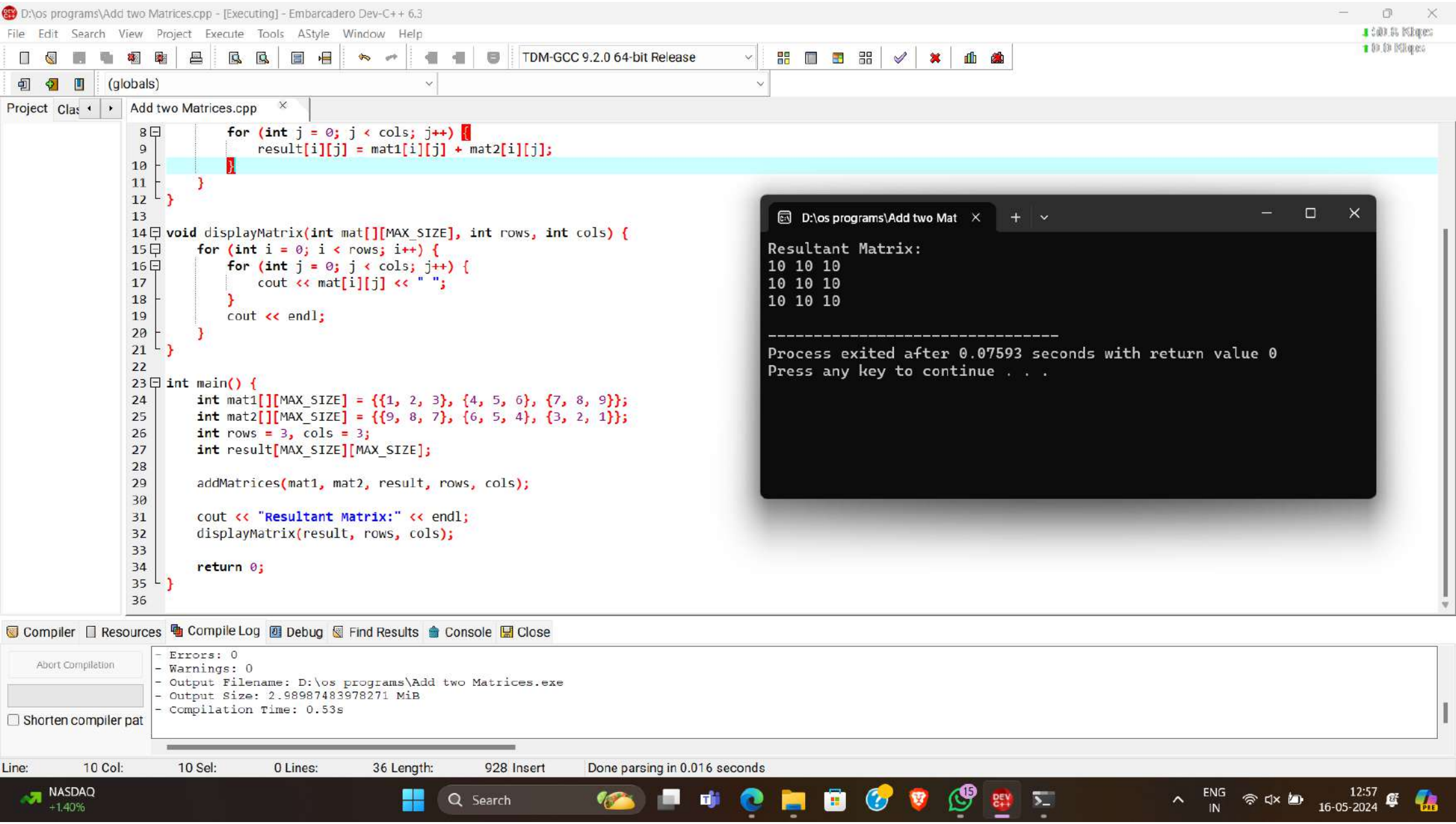

D:\os programs\second largest element in an array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
second largest element in an array.cpp
using namespace std;
int findSecondLargest(int arr[], int size) {
int largest = INT_MIN;
int secondLargest = INT_MIN;
for (int i = 0; i < size; i++) {
if (arr[i] > largest) {
secondLargest = largest;
largest = arr[i];
} else if (arr[i] > secondLargest && arr[i] != largest) {
secondLargest = arr[i];
}
}
return secondLargest;
}
int main() {
int arr[] = {1, 5, 3, 9, 7};
int size = sizeof(arr) / sizeof(arr[0]);
int secondLargest = findSecondLargest(arr, size);
cout << "Second largest element: " << secondLargest << endl;
return 0;
}
D:\os programs\second large
Second largest element: 7
Process exited after 0.007414 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\second largest element in an array.exe
- Output Size: 2.98931980133057 MiB
- Compilation Time: 0.56s
Line: 31 Col: 1 Sel: 0 Lines: 31 Length: 710 Insert
Done parsing in 0.016 seconds
33°C Light rain
Search
ENG IN
12:47 16-05-2024

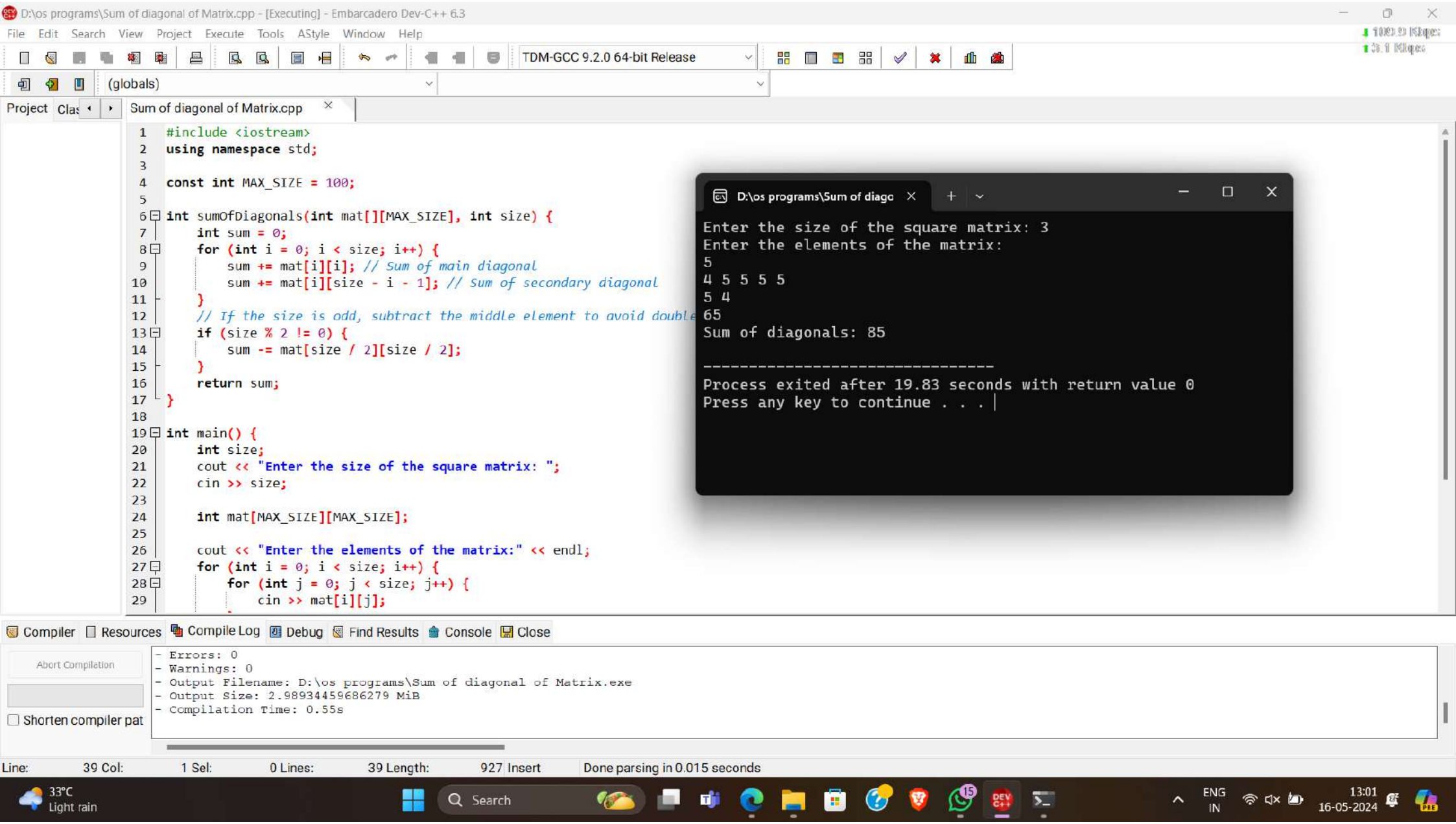

D:\os programs\occurrences of a value in an array.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
occurrences of a value in an array.cpp
#include <iostream>
using namespace std;
int countOccurrences(int arr[], int size, int value) {
int count = 0;
for (int i = 0; i < size; i++) {
if (arr[i] == value) {
count++;
}
}
return count;
}
int main() {
int arr[] = {1, 2, 2, 3, 2, 4, 2};
int size = sizeof(arr) / sizeof(arr[0]);
int value = 2;
int occurrences = countOccurrences(arr, size, value);
cout << "Number of occurrences of " << value << ": " << occurrences << endl;
return 0;
}
D:\os programs\occurrences
Number of occurrences of 2: 4
Process exited after 0.07259 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\occurrences of a value in an array.exe
- Output Size: 2.98931980133057 MiB
- Compilation Time: 0.58s
Line: 25 Col: 1 Sel: 0 Lines: 25 Length: 540 Insert
Done parsing in 0.016 seconds
NIFTY -0.12%
Search
ENG IN
12:49 16-05-2024


D:\os programs\merge teo arrays.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 Clas
merge teo arrays.cpp
#include <iostream>
using namespace std;
void mergeArrays(int arr1[], int size1, int arr2[], int size2, int merged[]) {
int i = 0, j = 0, k = 0;
while (i < size1 && j < size2) {
if (arr1[i] < arr2[j]) {
merged[k++] = arr1[i++];
} else {
merged[k++] = arr2[j++];
}
}
while (i < size1) {
merged[k++] = arr1[i++];
}
while (j < size2) {
merged[k++] = arr2[j++];
}
}
int main() {
int arr1[] = {1, 3, 5};
int size1 = sizeof(arr1) / sizeof(arr1[0]);
int arr2[] = {2, 4, 6};
int size2 = sizeof(arr2) / sizeof(arr2[0]);
int merged[size1 + size2];
D:\os programs\merge teo ar
Merged array: 1 2 3 4 5 6
Process exited after 0.08703 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\merge teo arrays.exe
- Output Size: 2.98930072784424 MiB
- Compilation Time: 0.53s
Line: 41 Col: 1 Sel: 0 Lines: 41 Length: 899 Insert
Done parsing in 0.016 seconds
SENSEX -0.10%
Search
ENG IN
12:50 16-05-2024


D:\os programs\dynamic array using pointers.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 Clas
dynamic array using pointers.cpp
#include <iostream>
using namespace std;
int main() {
int size;
cout << "Enter the size of the array: ";
cin >> size;
int* dynamicArray = new int[size];
cout << "Enter " << size << " elements:" << endl;
for (int i = 0; i < size; i++) {
cin >> dynamicArray[i];
}
cout << "Dynamic array elements: ";
for (int i = 0; i < size; i++) {
cout << dynamicArray[i] << " ";
}
cout << endl;
delete[] dynamicArray; // Don't forget to free the memory
return 0;
}
D:\os programs\dynamic arra
Enter the size of the array: 14
Enter 14 elements:
12 21 54 65 98 6532 44 22 11 22 11 22 33 44
Dynamic array elements: 12 21 54 65 98 6532 44 22 11 22 11 22 33
44
Process exited after 24.24 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\dynamic array using pointers.exe
- Output Size: 2.98925399780273 MiB
- Compilation Time: 0.59s
Line: 25 Col: 1 Sel: 0 Lines: 25 Length: 546 Insert
Done parsing in 0 seconds
Nifty bank
-0.26%
Search
ENG
IN
12:54
16-05-2024


D:\os programs\Multiply two matrices.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 Clas
Multiply two matrices.cpp
#include <iostream>
using namespace std;
const int MAX_SIZE = 100;
void multiplyMatrices(int mat1[][MAX_SIZE], int mat2[][MAX_SIZE], int result[][MAX_SIZE], int rows1, int cols1, int cols2) {
for (int i = 0; i < rows1; i++) {
for (int j = 0; j < cols2; j++) {
result[i][j] = 0;
for (int k = 0; k < cols1; k++) {
result[i][j] += mat1[i][k] * mat2[k][j];
}
}
}
}
void displayMatrix(int mat[][MAX_SIZE], int rows, int cols) {
for (int i = 0; i < rows; i++) {
for (int j = 0; j < cols; j++) {
cout << mat[i][j] << " ";
}
cout << endl;
}
}
int main() {
int mat1[][MAX_SIZE] = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
int mat2[][MAX_SIZE] = {{9, 8, 7}, {6, 5, 4}, {3, 2, 1}};
int rows1 = 3, cols1 = 3, rows2 = 3, cols2 = 3;
D:\os programs\Multiply two
Resultant Matrix:
30 24 18
84 69 54
138 114 90
Process exited after 0.09926 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Multiply two matrices.exe
- Output Size: 2.98989105224609 MiB
- Compilation Time: 0.52s
Line: 39 Col: 1 Sel: 0 Lines: 39 Length: 1086 Insert Done parsing in 0.015 seconds
33°C Light rain
Search
ENG IN
12:59 16-05-2024


D:\os programs\Add two Matrices.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 Clas
Add two Matrices.cpp
for (int j = 0; j < cols; j++) {
result[i][j] = mat1[i][j] + mat2[i][j];
}
}
}
void displayMatrix(int mat[][MAX_SIZE], int rows, int cols) {
for (int i = 0; i < rows; i++) {
for (int j = 0; j < cols; j++) {
cout << mat[i][j] << " ";
}
cout << endl;
}
}
int main() {
int mat1[][MAX_SIZE] = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};
int mat2[][MAX_SIZE] = {{9, 8, 7}, {6, 5, 4}, {3, 2, 1}};
int rows = 3, cols = 3;
int result[MAX_SIZE][MAX_SIZE];
addMatrices(mat1, mat2, result, rows, cols);
cout << "Resultant Matrix:" << endl;
displayMatrix(result, rows, cols);
return 0;
}
D:\os programs\Add two Mat
Resultant Matrix:
10 10 10
10 10 10
10 10 10
Process exited after 0.07593 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Add two Matrices.exe
- Output Size: 2.98987483978271 MiB
- Compilation Time: 0.53s
Line: 10 Col: 10 Sel: 0 Lines: 36 Length: 928 Insert
Done parsing in 0.016 seconds
NASDAQ +1.40%
Search
ENG IN
12:57 16-05-2024


D:\os programs\Sum of diagonal of Matrix.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 Clas
Sum of diagonal of Matrix.cpp
#include <iostream>
using namespace std;
const int MAX_SIZE = 100;
int sumOfDiagonals(int mat[][MAX_SIZE], int size) {
int sum = 0;
for (int i = 0; i < size; i++) {
sum += mat[i][i]; // Sum of main diagonal
sum += mat[i][size - i - 1]; // Sum of secondary diagonal
}
// If the size is odd, subtract the middle element to avoid double
if (size % 2 != 0) {
sum -= mat[size / 2][size / 2];
}
return sum;
}
int main() {
int size;
cout << "Enter the size of the square matrix: ";
cin >> size;
int mat[MAX_SIZE][MAX_SIZE];
cout << "Enter the elements of the matrix:" << endl;
for (int i = 0; i < size; i++) {
for (int j = 0; j < size; j++) {
cin >> mat[i][j];
D:\os programs\Sum of diago
Enter the size of the square matrix: 3
Enter the elements of the matrix:
5
4 5 5 5 5
5 4
65
Sum of diagonals: 85
Process exited after 19.83 seconds with return value 0
Press any key to continue . . .
Compiler Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: D:\os programs\Sum of diagonal of Matrix.exe
- Output Size: 2.98934459686279 MiB
- Compilation Time: 0.55s
Line: 39 Col: 1 Sel: 0 Lines: 39 Length: 927 Insert
Done parsing in 0.015 seconds
33°C Light rain
Search
ENG IN
13:01 16-05-2024