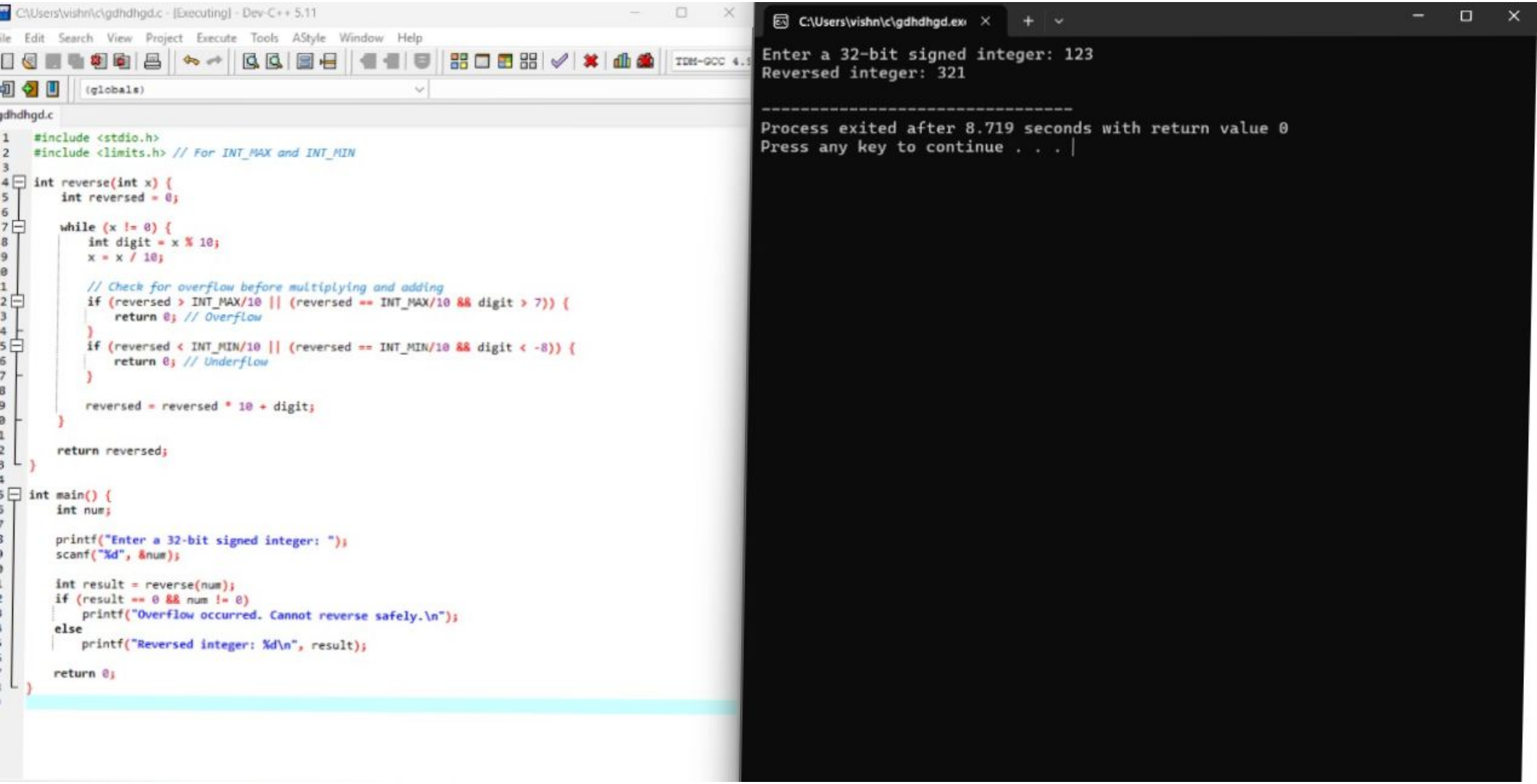
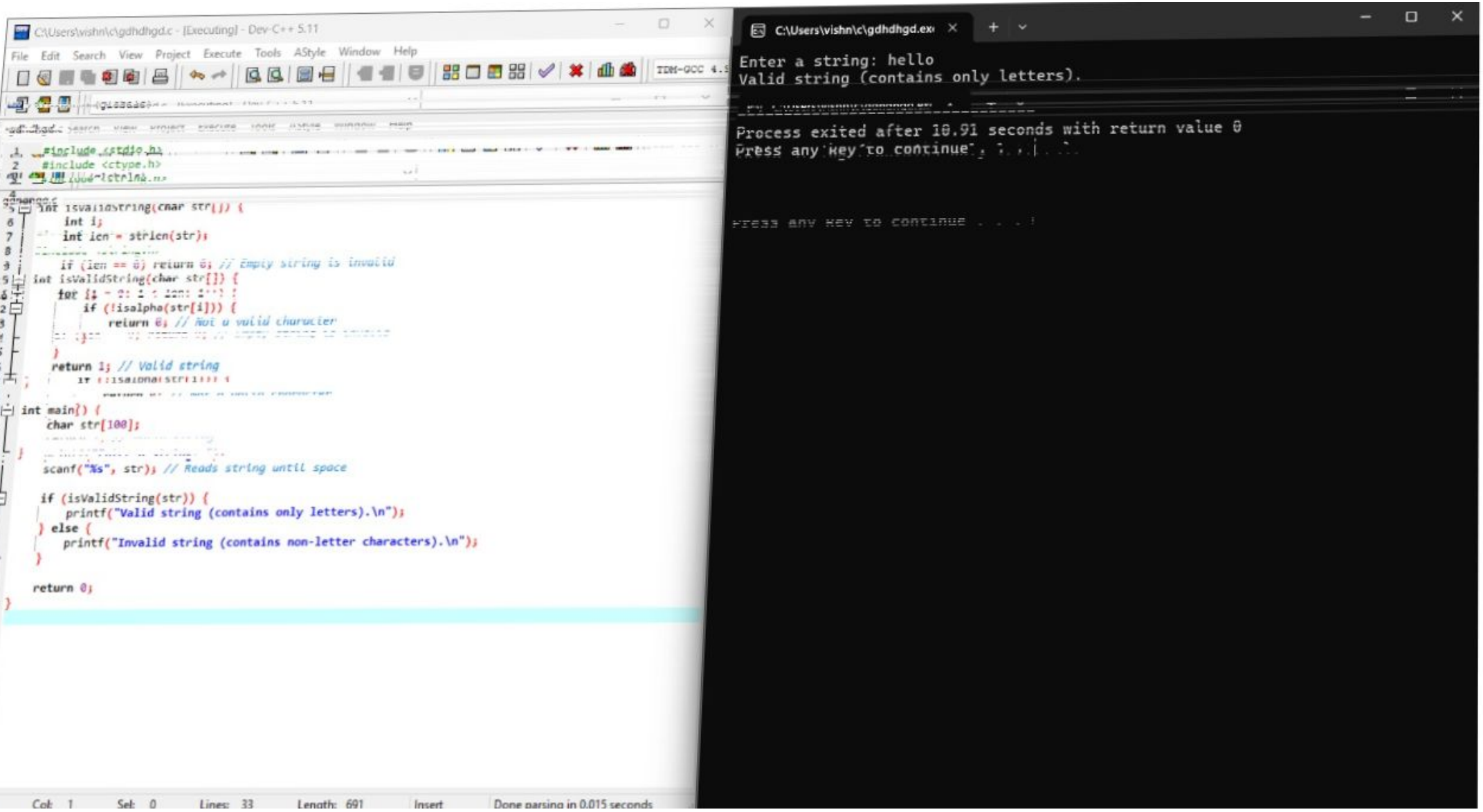
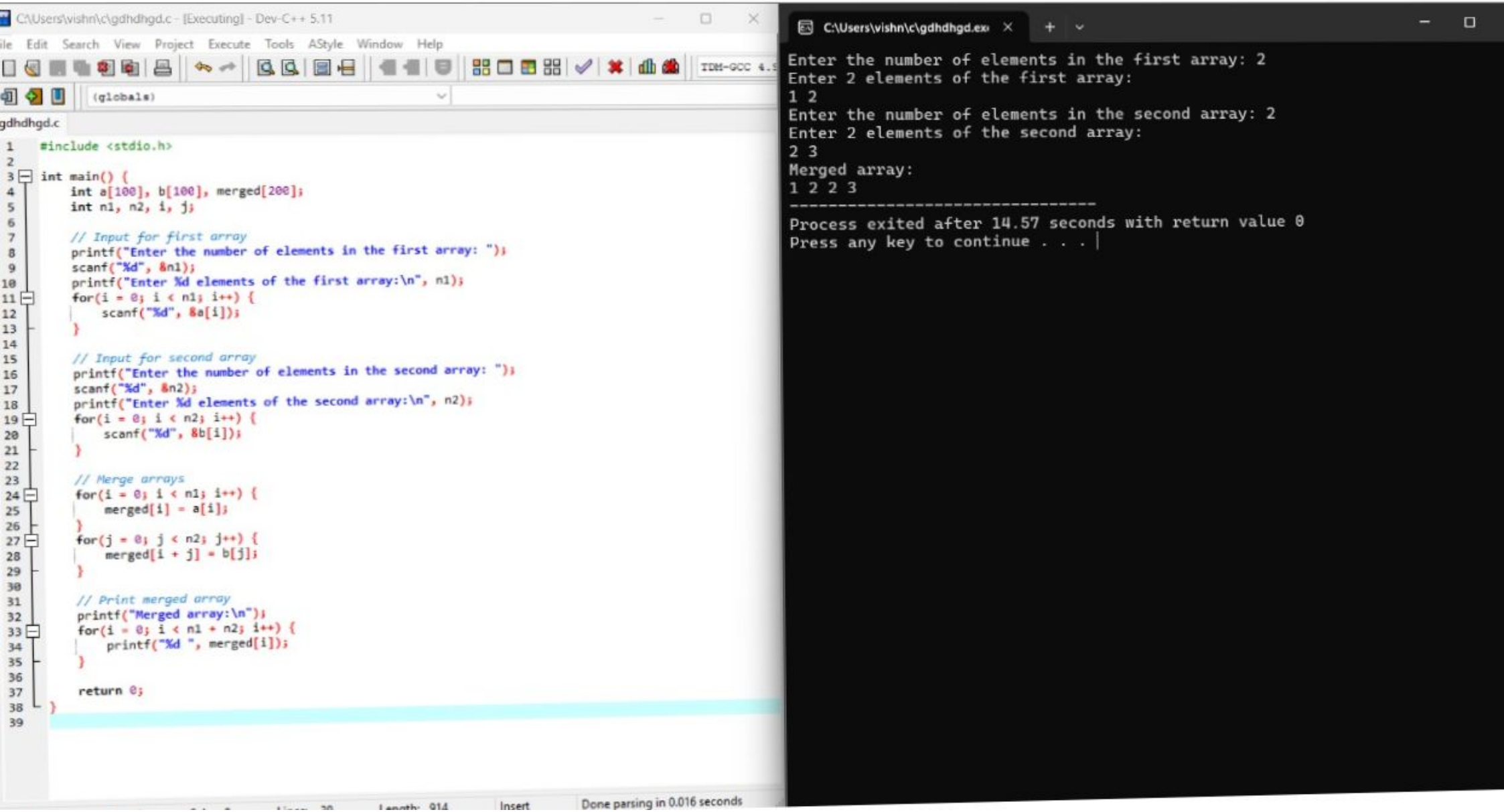
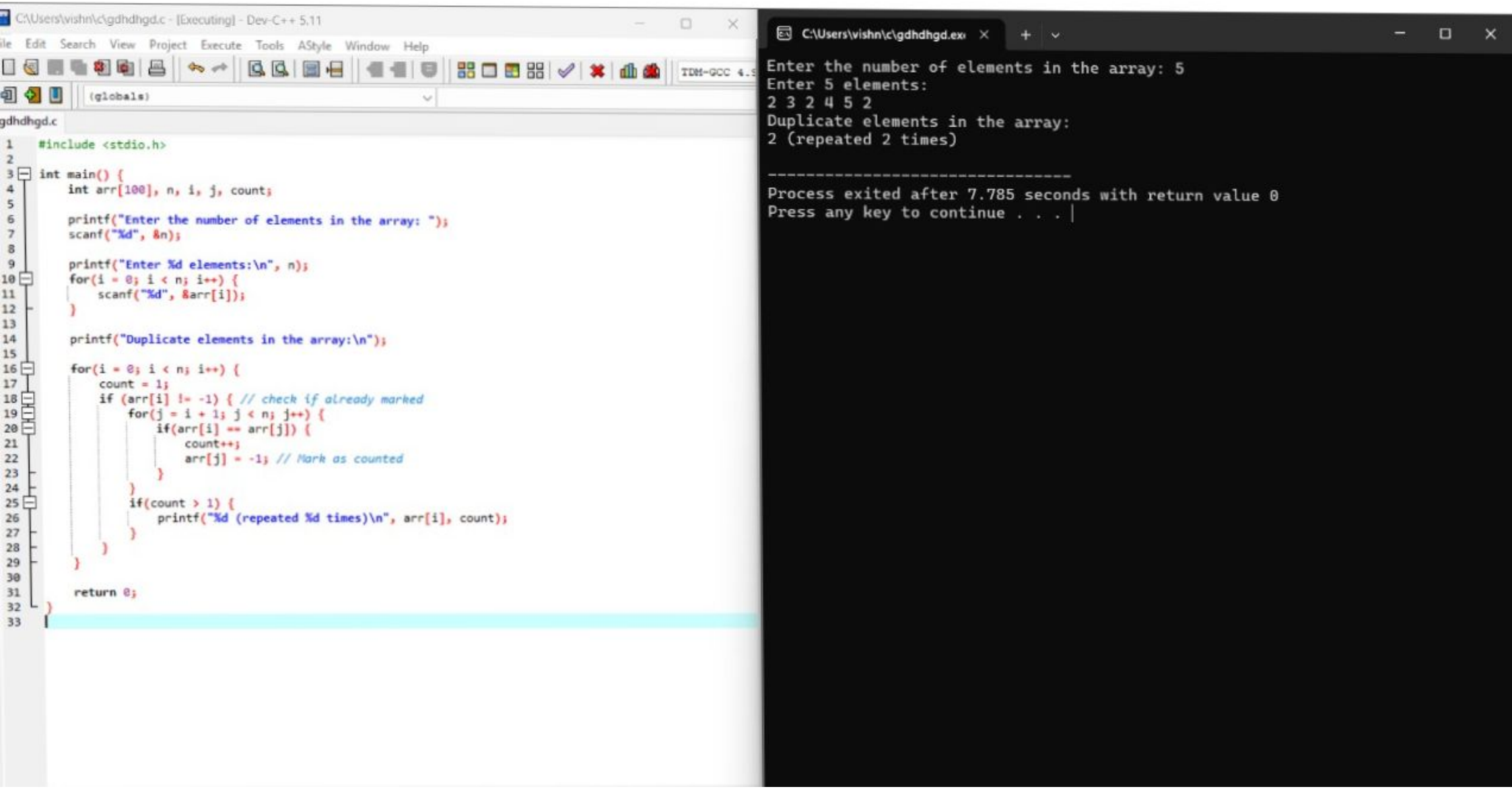
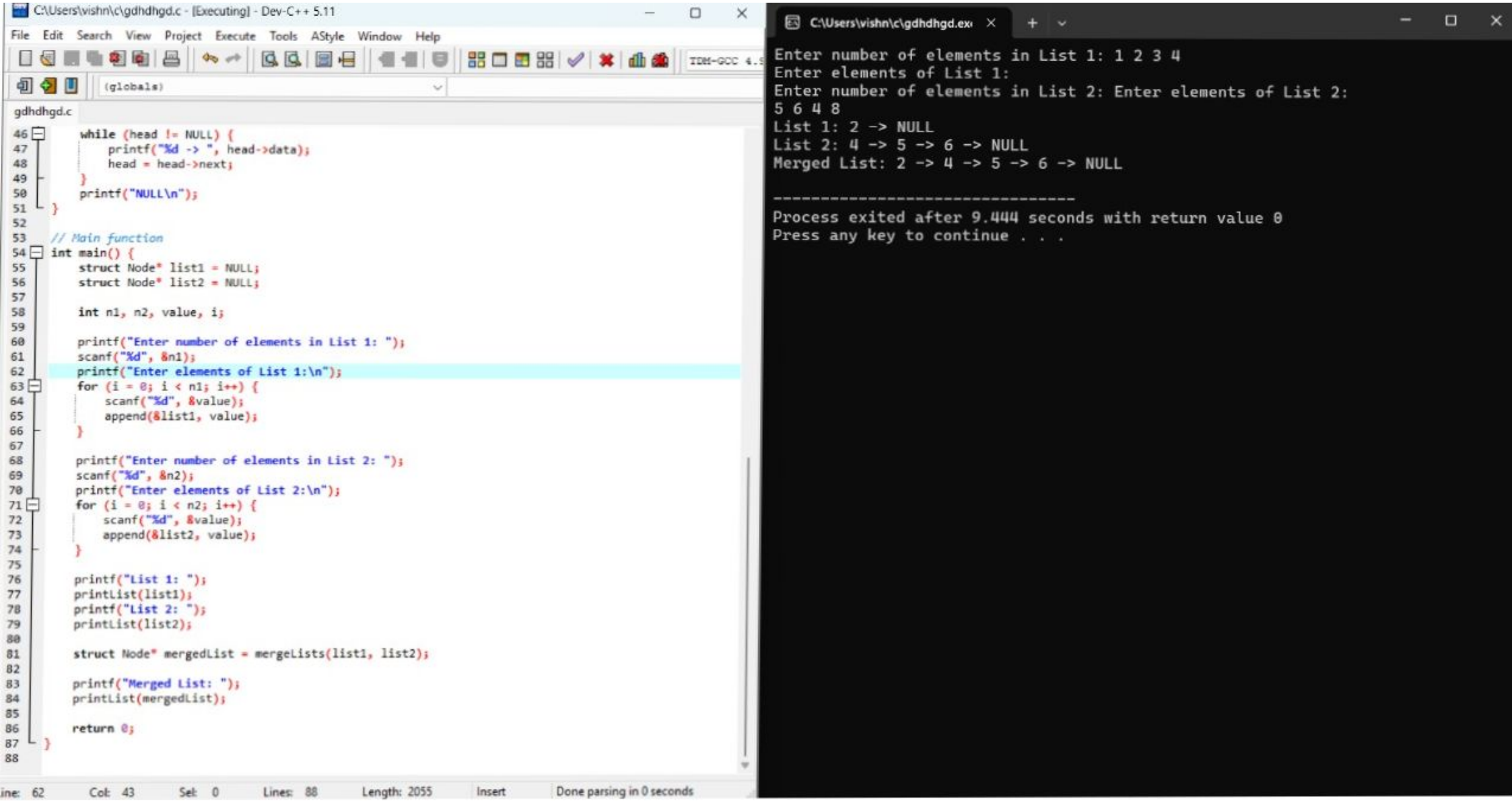
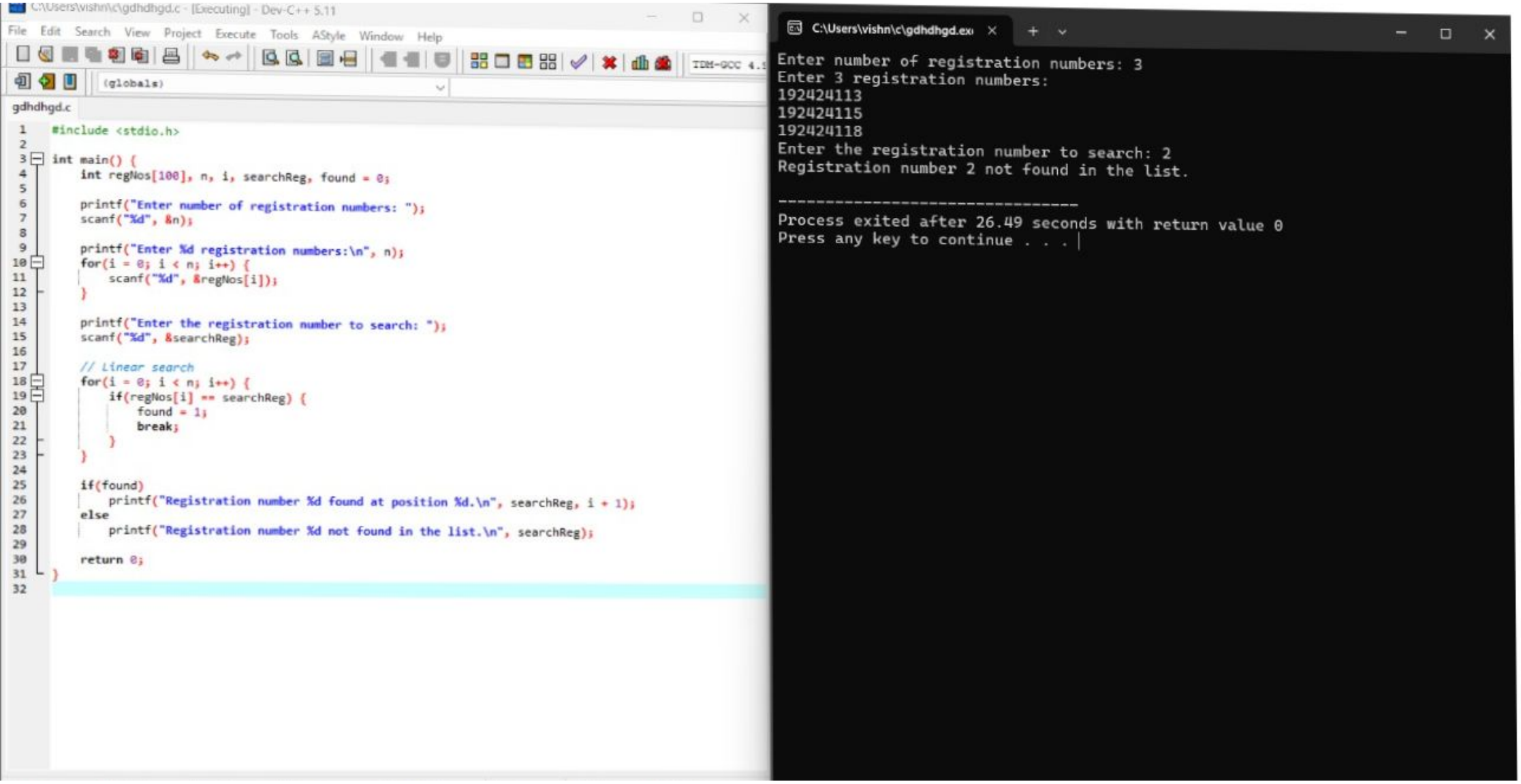

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
#include <limits.h> // For INT_MAX and INT_MIN
int reverse(int x) {
int reversed = 0;
while (x != 0) {
int digit = x % 10;
x = x / 10;
// Check for overflow before multiplying and adding
if (reversed > INT_MAX/10 || (reversed == INT_MAX/10 && digit > 7)) {
return 0; // Overflow
}
if (reversed < INT_MIN/10 || (reversed == INT_MIN/10 && digit < -8)) {
return 0; // Underflow
}
reversed = reversed * 10 + digit;
}
return reversed;
}
int main() {
int num;
printf("Enter a 32-bit signed integer: ");
scanf("%d", &num);
int result = reverse(num);
if (result == 0 && num != 0)
printf("Overflow occurred. Cannot reverse safely.\n");
else
printf("Reversed integer: %d\n", result);
return 0;
}
C:\Users\vishn\c\gdhdhgd.ex
Enter a 32-bit signed integer: 123
Reversed integer: 321
--------------------------------
Process exited after 8.719 seconds with return value 0
Press any key to continue . . .

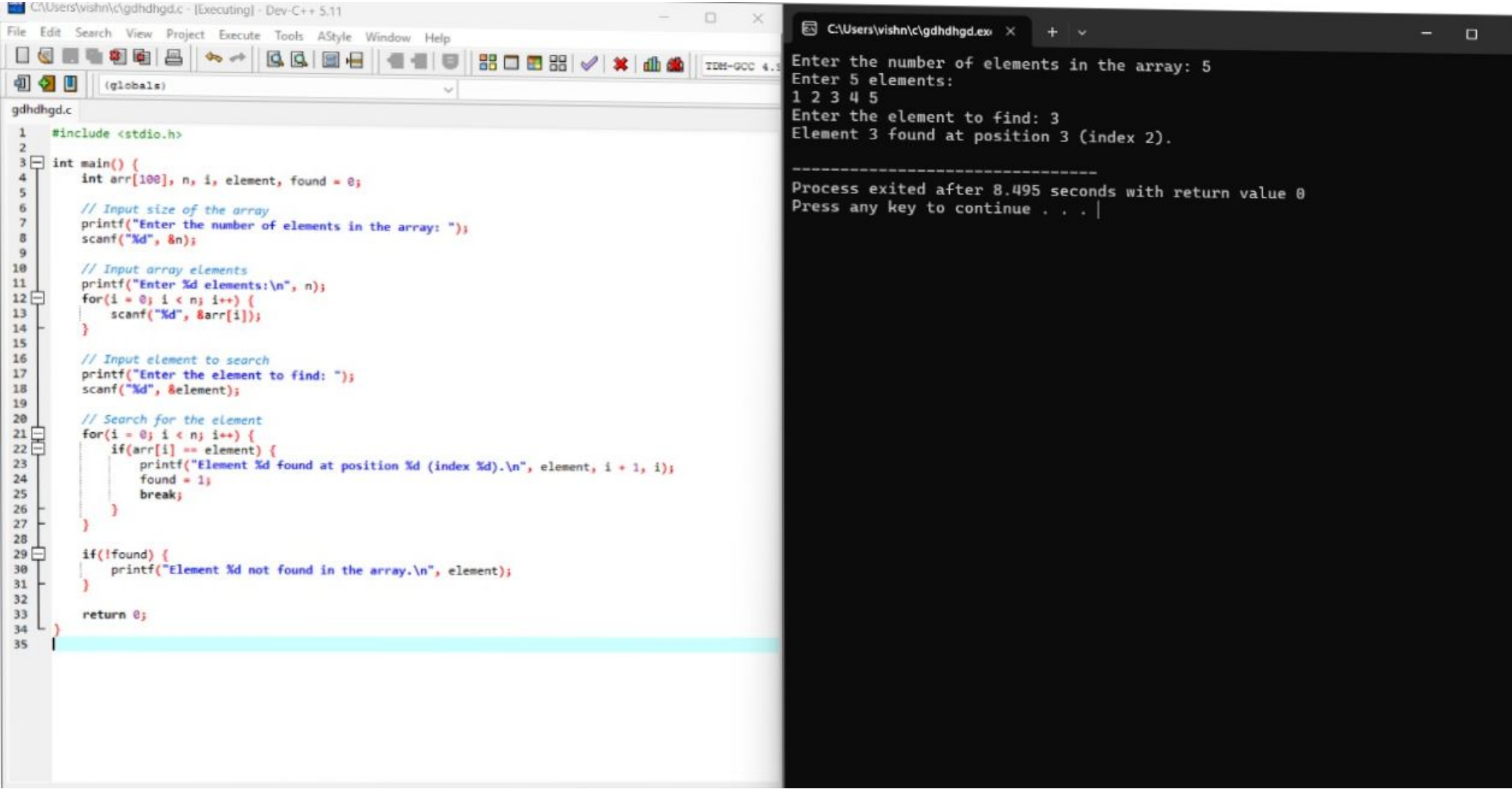

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
#include <stdio.h>
#include <ctype.h>
int isValidString(char str[]) {
int i;
int len = strlen(str);
if (len == 0) return 0; // Empty string is invalid
int isValidString(char str[]) {
if (!isalpha(str[i])) {
return 0; // Not a valid character
return 1; // Valid string
int main() {
char str[100];
scanf("%s", str); // Reads string until space
if (isValidString(str)) {
printf("Valid string (contains only letters).\n");
} else {
printf("Invalid string (contains non-letter characters).\n");
return 0;
}
33 Col: 1 Sel: 0 Lines: 33 Length: 691 Insert Done parsing in 0.015 seconds
C:\Users\vishn\c\gdhdhgd.exe
Enter a string: hello
Valid string (contains only letters).
Process exited after 10.91 seconds with return value 0
Press any key to continue . . .
Press any key to continue . . .

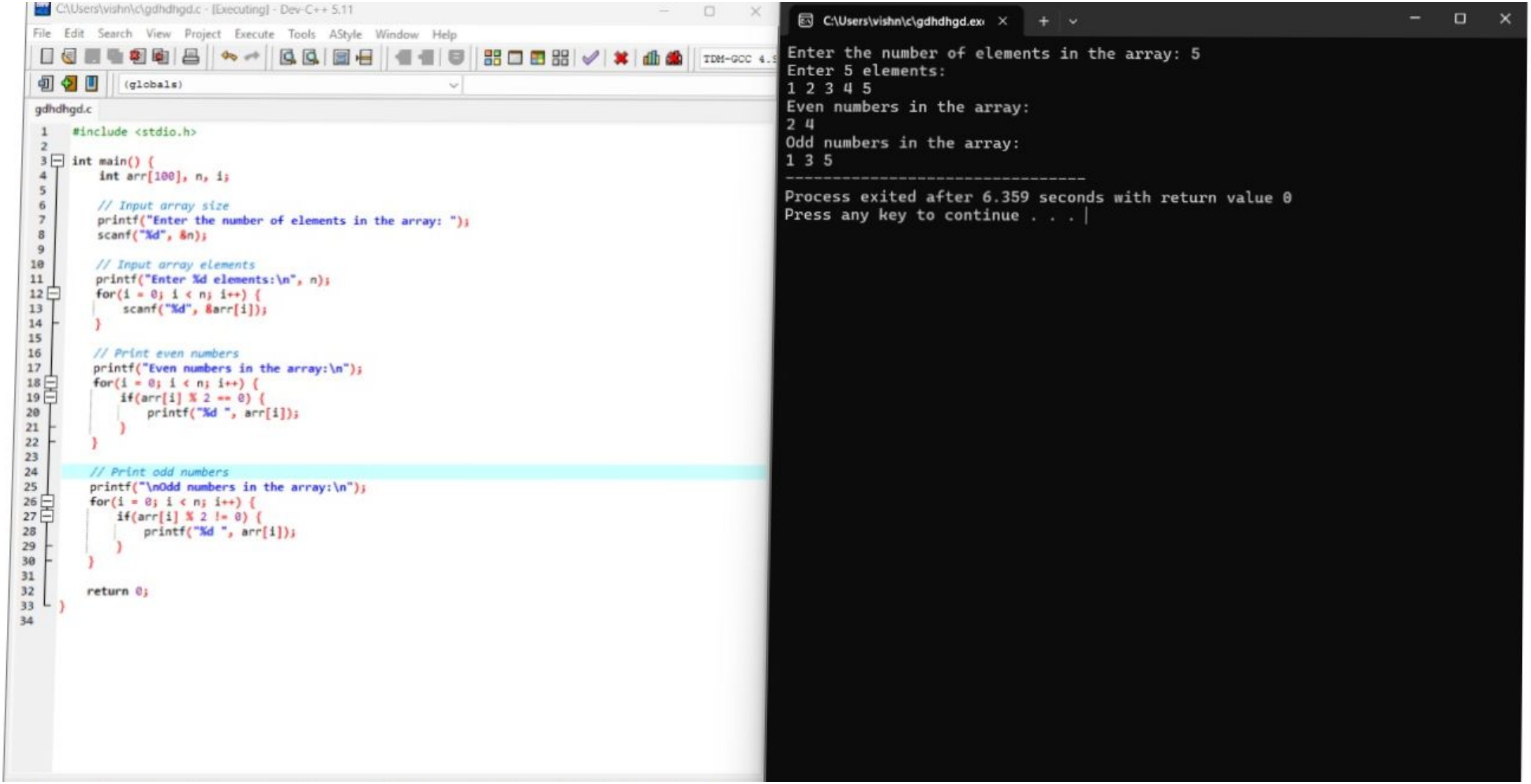

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int a[100], b[100], merged[200];
int n1, n2, i, j;
// Input for first array
printf("Enter the number of elements in the first array: ");
scanf("%d", &n1);
printf("Enter %d elements of the first array:\n", n1);
for(i = 0; i < n1; i++) {
scanf("%d", &a[i]);
}
// Input for second array
printf("Enter the number of elements in the second array: ");
scanf("%d", &n2);
printf("Enter %d elements of the second array:\n", n2);
for(i = 0; i < n2; i++) {
scanf("%d", &b[i]);
}
// Merge arrays
for(i = 0; i < n1; i++) {
merged[i] = a[i];
}
for(j = 0; j < n2; j++) {
merged[i + j] = b[j];
}
// Print merged array
printf("Merged array:\n");
for(i = 0; i < n1 + n2; i++) {
printf("%d ", merged[i]);
}
return 0;
}
Done parsing in 0.016 seconds
C:\Users\vishn\c\gdhdhgd.exe
Enter the number of elements in the first array: 2
Enter 2 elements of the first array:
1 2
Enter the number of elements in the second array: 2
Enter 2 elements of the second array:
2 3
Merged array:
1 2 2 3
Process exited after 14.57 seconds with return value 0
Press any key to continue . . .

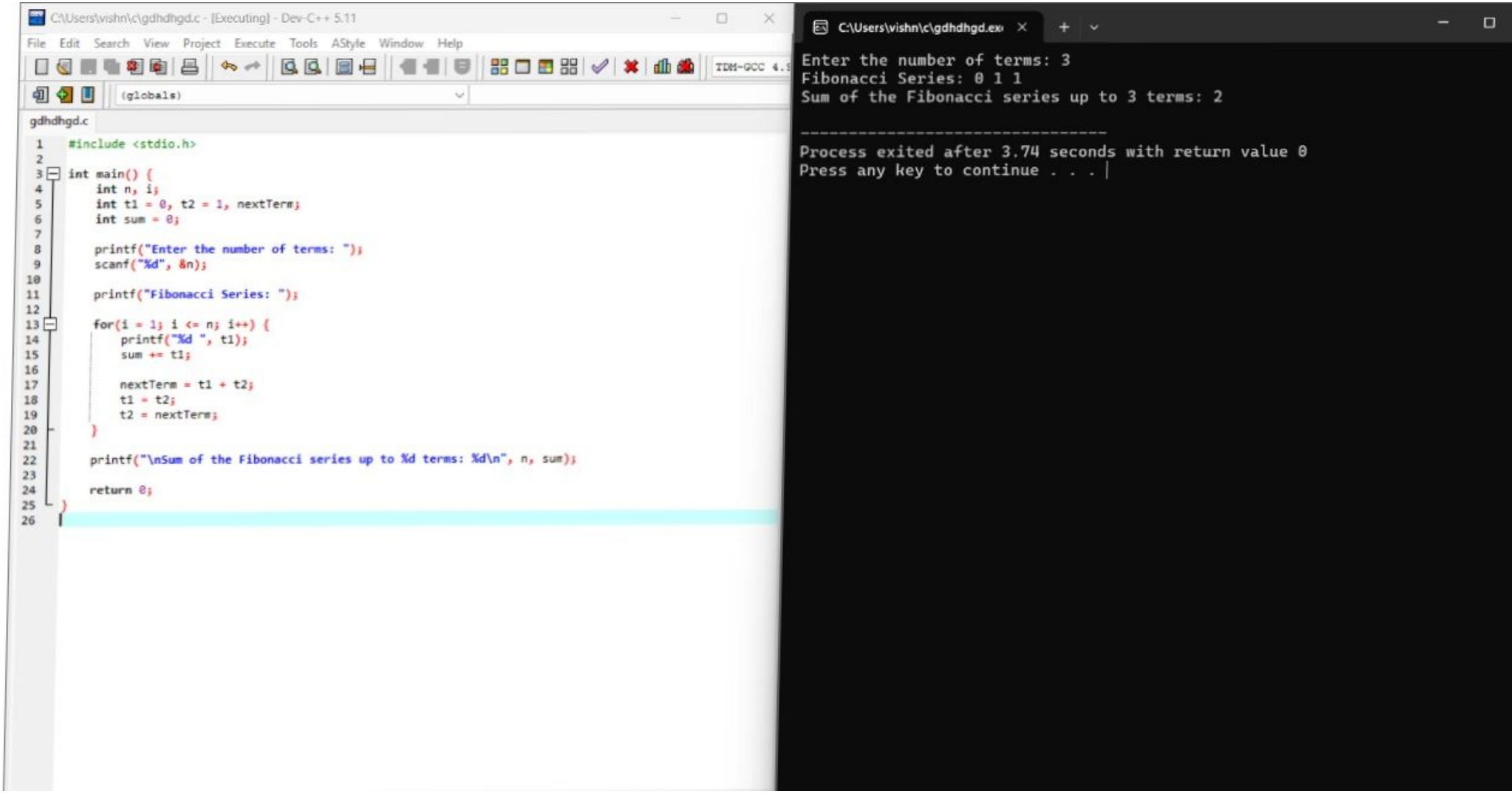

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int arr[100], n, i, j, count;
printf("Enter the number of elements in the array: ");
scanf("%d", &n);
printf("Enter %d elements:\n", n);
for(i = 0; i < n; i++) {
scanf("%d", &arr[i]);
}
printf("Duplicate elements in the array:\n");
for(i = 0; i < n; i++) {
count = 1;
if (arr[i] != -1) { // check if already marked
for(j = i + 1; j < n; j++) {
if(arr[i] == arr[j]) {
count++;
arr[j] = -1; // Mark as counted
}
}
if(count > 1) {
printf("%d (repeated %d times)\n", arr[i], count);
}
}
}
return 0;
}
C:\Users\vishn\c\gdhdhgd.exe
Enter the number of elements in the array: 5
Enter 5 elements:
2 3 2 4 5 2
Duplicate elements in the array:
2 (repeated 2 times)
Process exited after 7.785 seconds with return value 0
Press any key to continue . . .

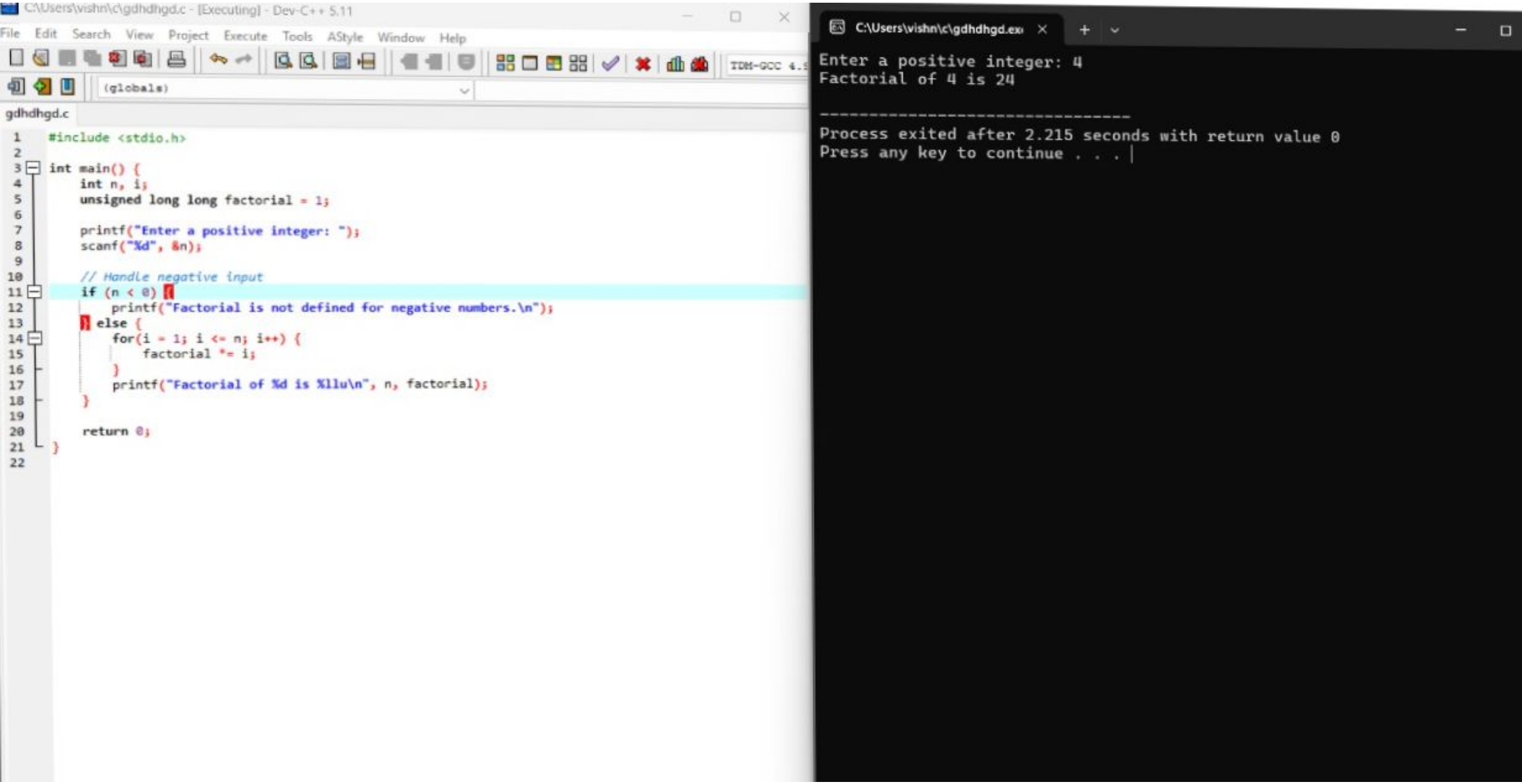

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
while (head != NULL) {
printf("%d -> ", head->data);
head = head->next;
}
printf("NULL\n");
}
// Main function
int main() {
struct Node* list1 = NULL;
struct Node* list2 = NULL;
int n1, n2, value, i;
printf("Enter number of elements in List 1: ");
scanf("%d", &n1);
printf("Enter elements of List 1:\n");
for (i = 0; i < n1; i++) {
scanf("%d", &value);
append(&list1, value);
}
printf("Enter number of elements in List 2: ");
scanf("%d", &n2);
printf("Enter elements of List 2:\n");
for (i = 0; i < n2; i++) {
scanf("%d", &value);
append(&list2, value);
}
printf("List 1: ");
printList(list1);
printf("List 2: ");
printList(list2);
struct Node* mergedList = mergeLists(list1, list2);
printf("Merged List: ");
printList(mergedList);
return 0;
}
ine: 62 Col: 43 Sel: 0 Lines: 88 Length: 2055 Insert Done parsing in 0 seconds
C:\Users\vishn\c\gdhdhgd.ex
Enter number of elements in List 1: 1 2 3 4
Enter elements of List 1:
Enter number of elements in List 2: Enter elements of List 2:
5 6 4 8
List 1: 2 -> NULL
List 2: 4 -> 5 -> 6 -> NULL
Merged List: 2 -> 4 -> 5 -> 6 -> NULL
Process exited after 9.444 seconds with return value 0
Press any key to continue . . .

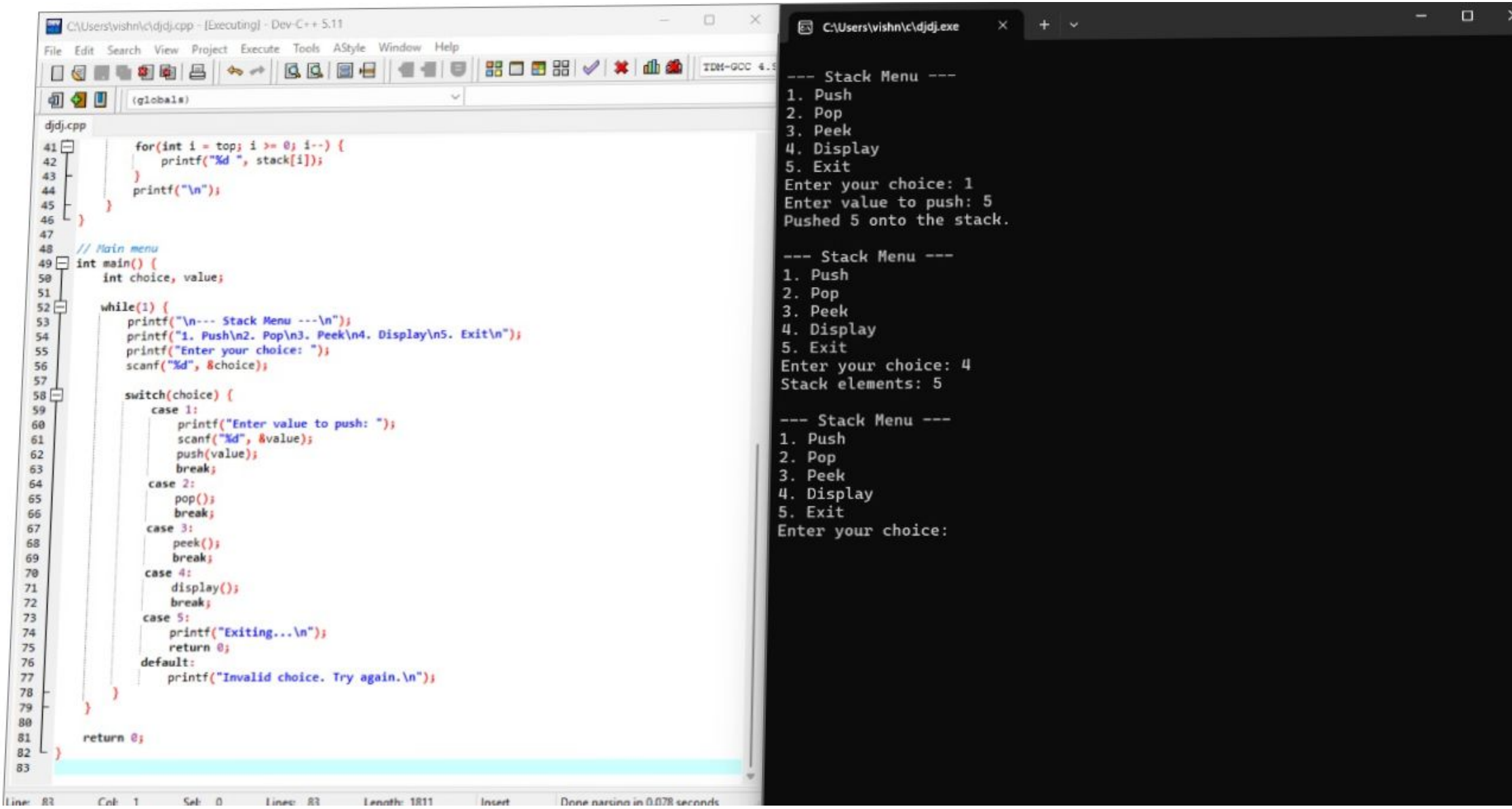

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int regNos[100], n, i, searchReg, found = 0;
printf("Enter number of registration numbers: ");
scanf("%d", &n);
printf("Enter %d registration numbers:\n", n);
for(i = 0; i < n; i++) {
scanf("%d", &regNos[i]);
}
printf("Enter the registration number to search: ");
scanf("%d", &searchReg);
// Linear search
for(i = 0; i < n; i++) {
if(regNos[i] == searchReg) {
found = 1;
break;
}
}
if(found)
printf("Registration number %d found at position %d.\n", searchReg, i + 1);
else
printf("Registration number %d not found in the list.\n", searchReg);
return 0;
}
C:\Users\vishn\c\gdhdhgd.exe
Enter number of registration numbers: 3
Enter 3 registration numbers:
192424113
192424115
192424118
Enter the registration number to search: 2
Registration number 2 not found in the list.
--------------------------------
Process exited after 26.49 seconds with return value 0
Press any key to continue . . .

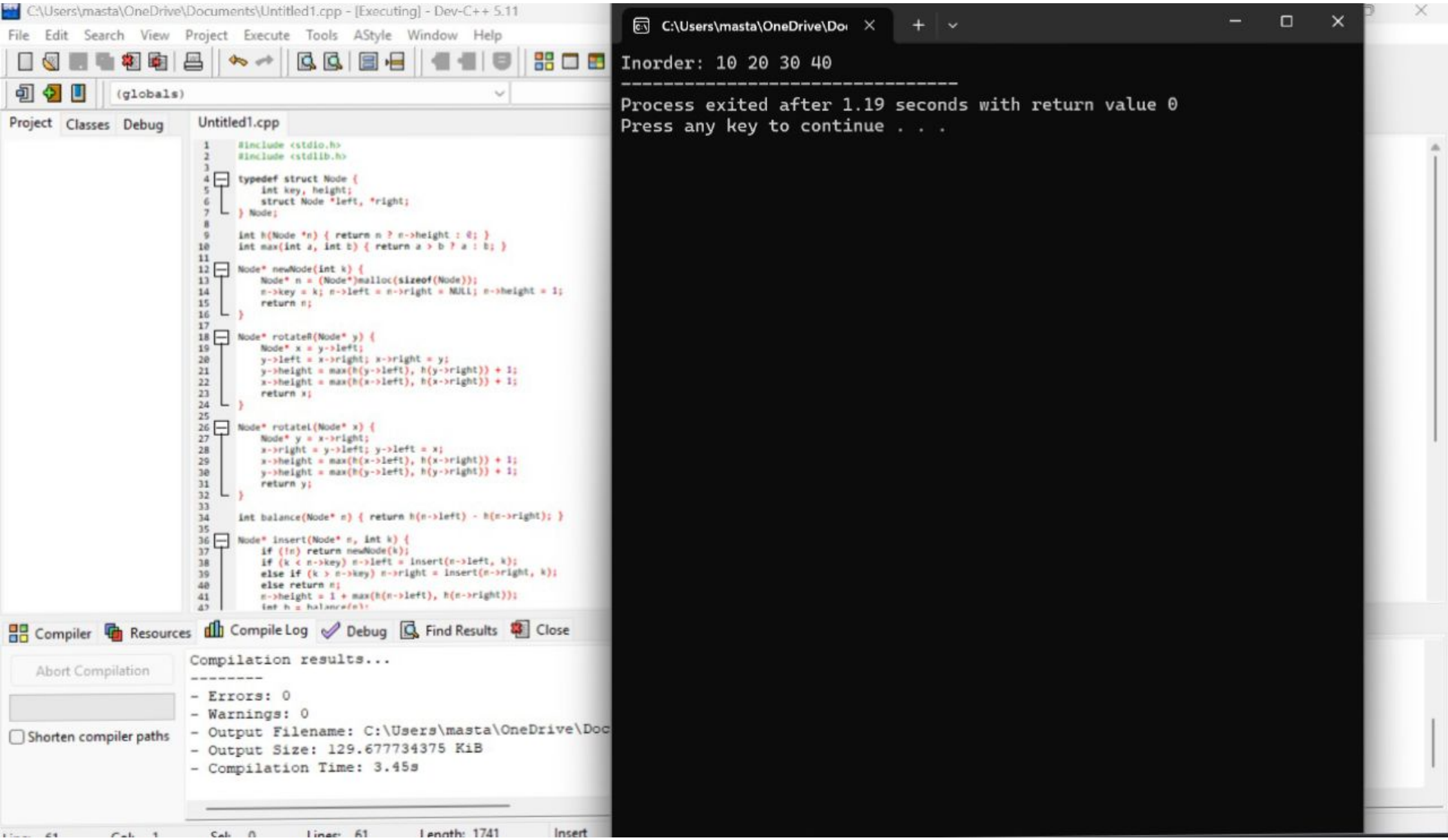

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int arr[100], n, i, element, found = 0;
// Input size of the array
printf("Enter the number of elements in the array: ");
scanf("%d", &n);
// Input array elements
printf("Enter %d elements:\n", n);
for(i = 0; i < n; i++) {
scanf("%d", &arr[i]);
}
// Input element to search
printf("Enter the element to find: ");
scanf("%d", &element);
// Search for the element
for(i = 0; i < n; i++) {
if(arr[i] == element) {
printf("Element %d found at position %d (index %d).\n", element, i + 1, i);
found = 1;
break;
}
}
if(!found) {
printf("Element %d not found in the array.\n", element);
}
return 0;
}
C:\Users\vishn\c\gdhdhgd.ex
Enter the number of elements in the array: 5
Enter 5 elements:
1 2 3 4 5
Enter the element to find: 3
Element 3 found at position 3 (index 2).
Process exited after 8.495 seconds with return value 0
Press any key to continue . . .

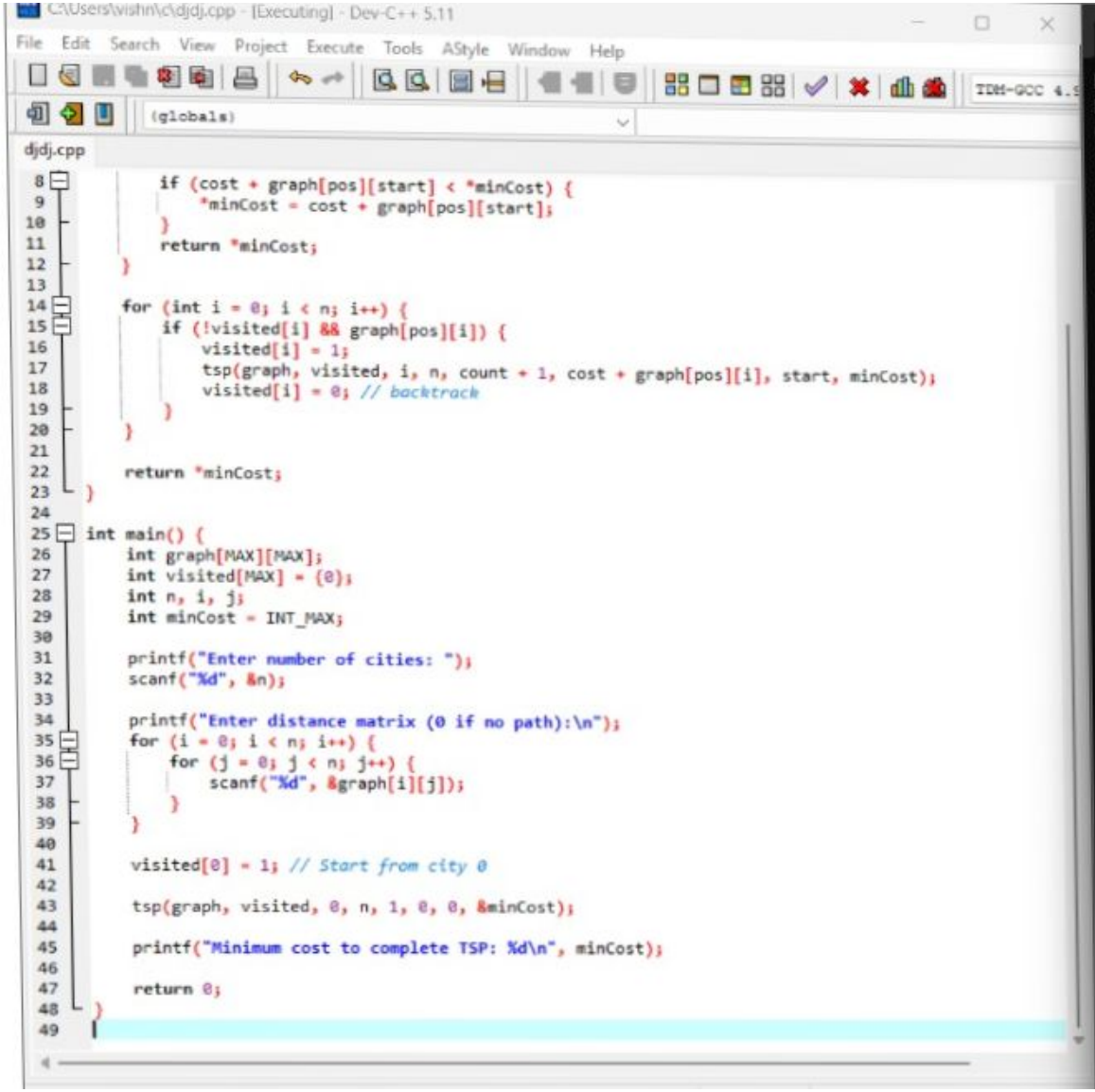

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int arr[100], n, i;
// Input array size
printf("Enter the number of elements in the array: ");
scanf("%d", &n);
// Input array elements
printf("Enter %d elements:\n", n);
for(i = 0; i < n; i++) {
scanf("%d", &arr[i]);
}
// Print even numbers
printf("Even numbers in the array:\n");
for(i = 0; i < n; i++) {
if(arr[i] % 2 == 0) {
printf("%d ", arr[i]);
}
}
// Print odd numbers
printf("\nOdd numbers in the array:\n");
for(i = 0; i < n; i++) {
if(arr[i] % 2 != 0) {
printf("%d ", arr[i]);
}
}
return 0;
}
C:\Users\vishn\c\gdhdhgd.ex
Enter the number of elements in the array: 5
Enter 5 elements:
1 2 3 4 5
Even numbers in the array:
2 4
Odd numbers in the array:
1 3 5
Process exited after 6.359 seconds with return value 0
Press any key to continue . . .

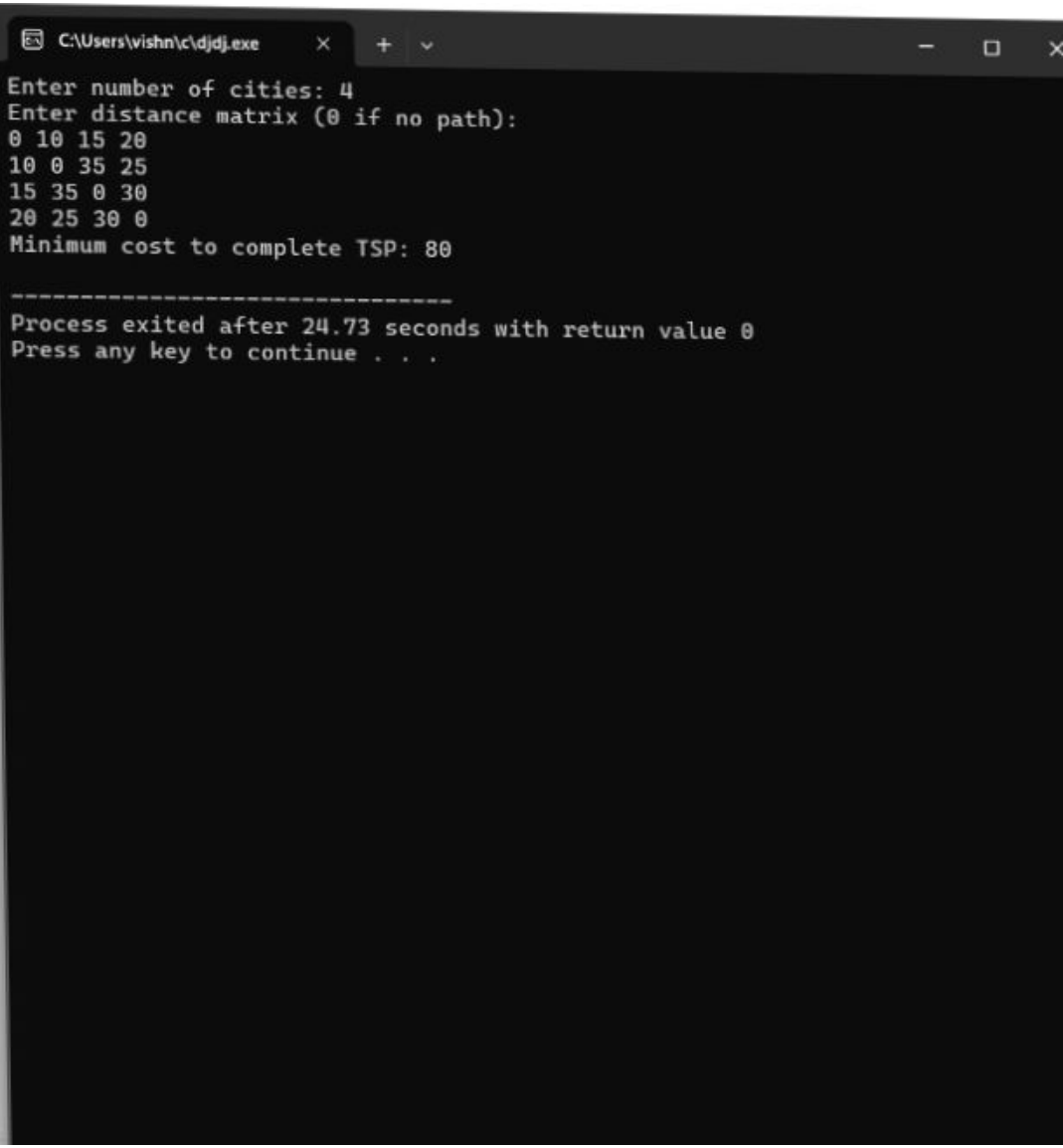

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int n, i;
int t1 = 0, t2 = 1, nextTerm;
int sum = 0;
printf("Enter the number of terms: ");
scanf("%d", &n);
printf("Fibonacci Series: ");
for(i = 1; i <= n; i++) {
printf("%d ", t1);
sum += t1;
nextTerm = t1 + t2;
t1 = t2;
t2 = nextTerm;
}
printf("\nSum of the Fibonacci series up to %d terms: %d\n", n, sum);
return 0;
}
C:\Users\vishn\c\gdhdhgd.ex
Enter the number of terms: 3
Fibonacci Series: 0 1 1
Sum of the Fibonacci series up to 3 terms: 2
Process exited after 3.74 seconds with return value 0
Press any key to continue . . .

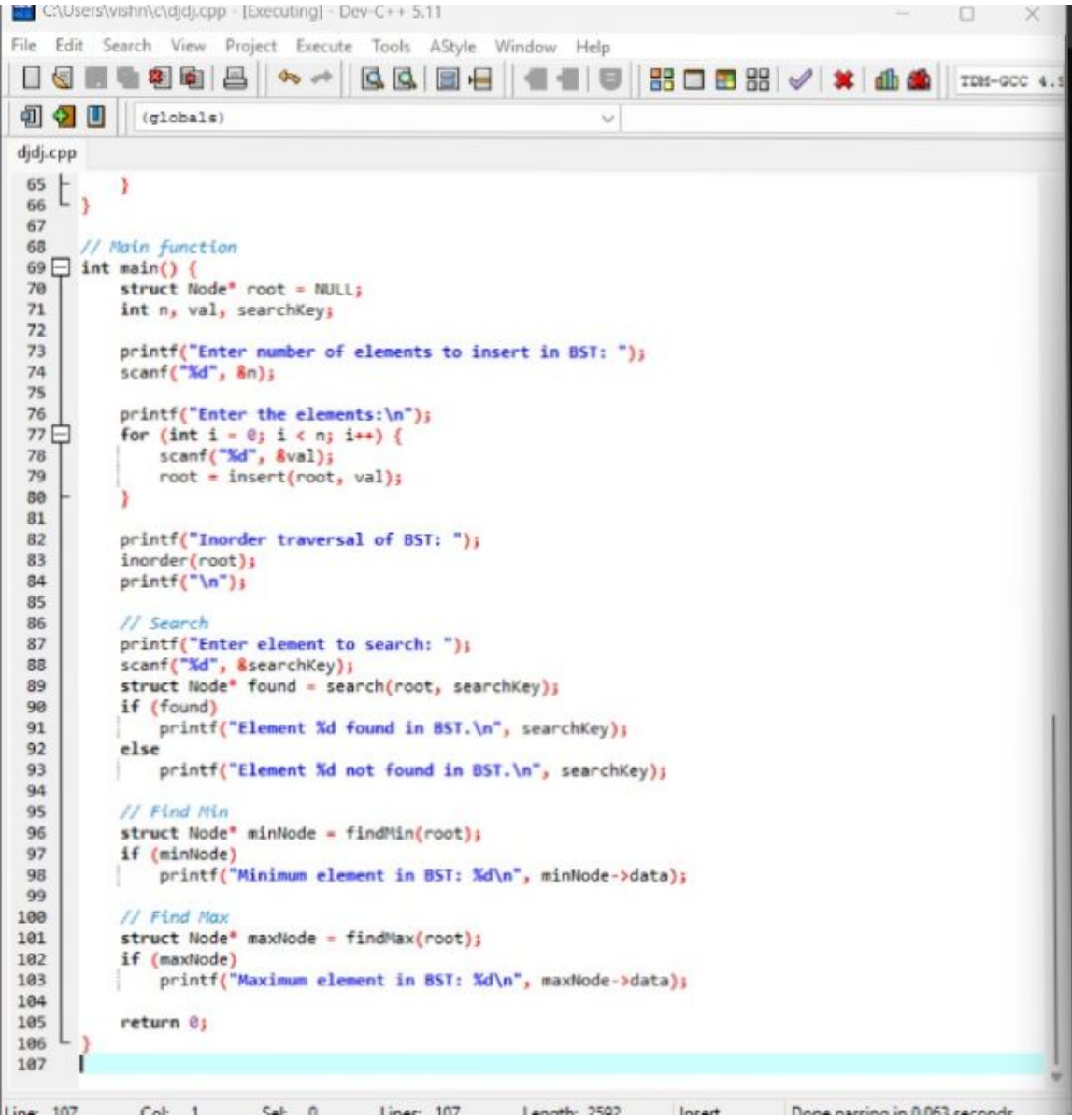

C:\Users\vishn\c\gdhdhgd.c - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
gdhdhgd.c
#include <stdio.h>
int main() {
int n, i;
unsigned long long factorial = 1;
printf("Enter a positive integer: ");
scanf("%d", &n);
// Handle negative input
if (n < 0) {
printf("Factorial is not defined for negative numbers.\n");
} else {
for(i = 1; i <= n; i++) {
factorial *= i;
}
printf("Factorial of %d is %llu\n", n, factorial);
}
return 0;
}
C:\Users\vishn\c\gdhdhgd.ex
Enter a positive integer: 4
Factorial of 4 is 24
Process exited after 2.215 seconds with return value 0
Press any key to continue . . .

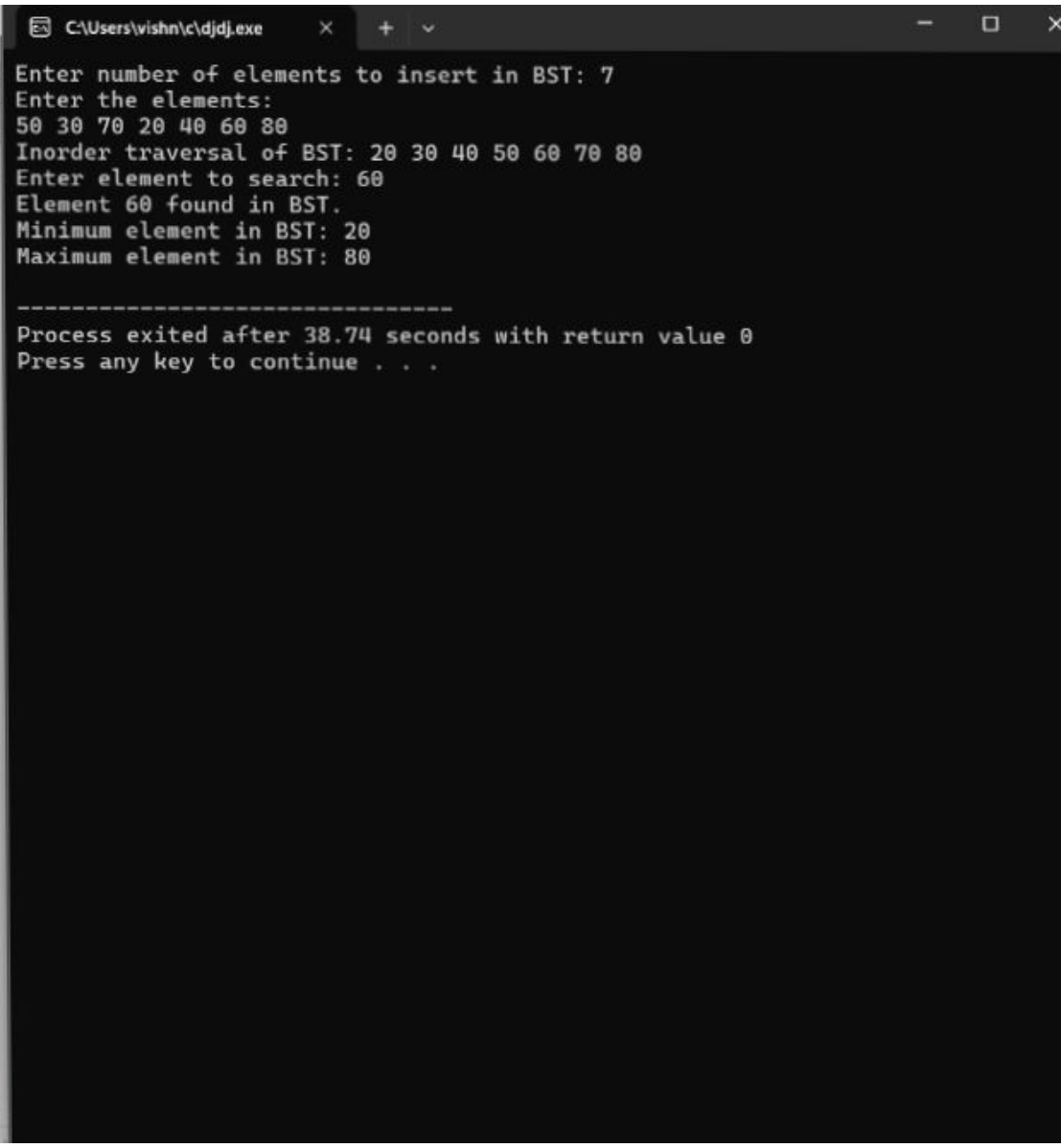

C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
for(int i = top; i >= 0; i--) {
printf("%d ", stack[i]);
}
printf("\n");
}
}
// Main menu
int main() {
int choice, value;
while(1) {
printf("\n--- Stack Menu ---\n");
printf("1. Push\n2. Pop\n3. Peek\n4. Display\n5. Exit\n");
printf("Enter your choice: ");
scanf("%d", &choice);
switch(choice) {
case 1:
printf("Enter value to push: ");
scanf("%d", &value);
push(value);
break;
case 2:
pop();
break;
case 3:
peek();
break;
case 4:
display();
break;
case 5:
printf("Exiting...\n");
return 0;
default:
printf("Invalid choice. Try again.\n");
}
}
return 0;
}
C:\Users\vishn\c\djdj.exe
--- Stack Menu ---
1. Push
2. Pop
3. Peek
4. Display
5. Exit
Enter your choice: 1
Enter value to push: 5
Pushed 5 onto the stack.
--- Stack Menu ---
1. Push
2. Pop
3. Peek
4. Display
5. Exit
Enter your choice: 4
Stack elements: 5
--- Stack Menu ---
1. Push
2. Pop
3. Peek
4. Display
5. Exit
Enter your choice:

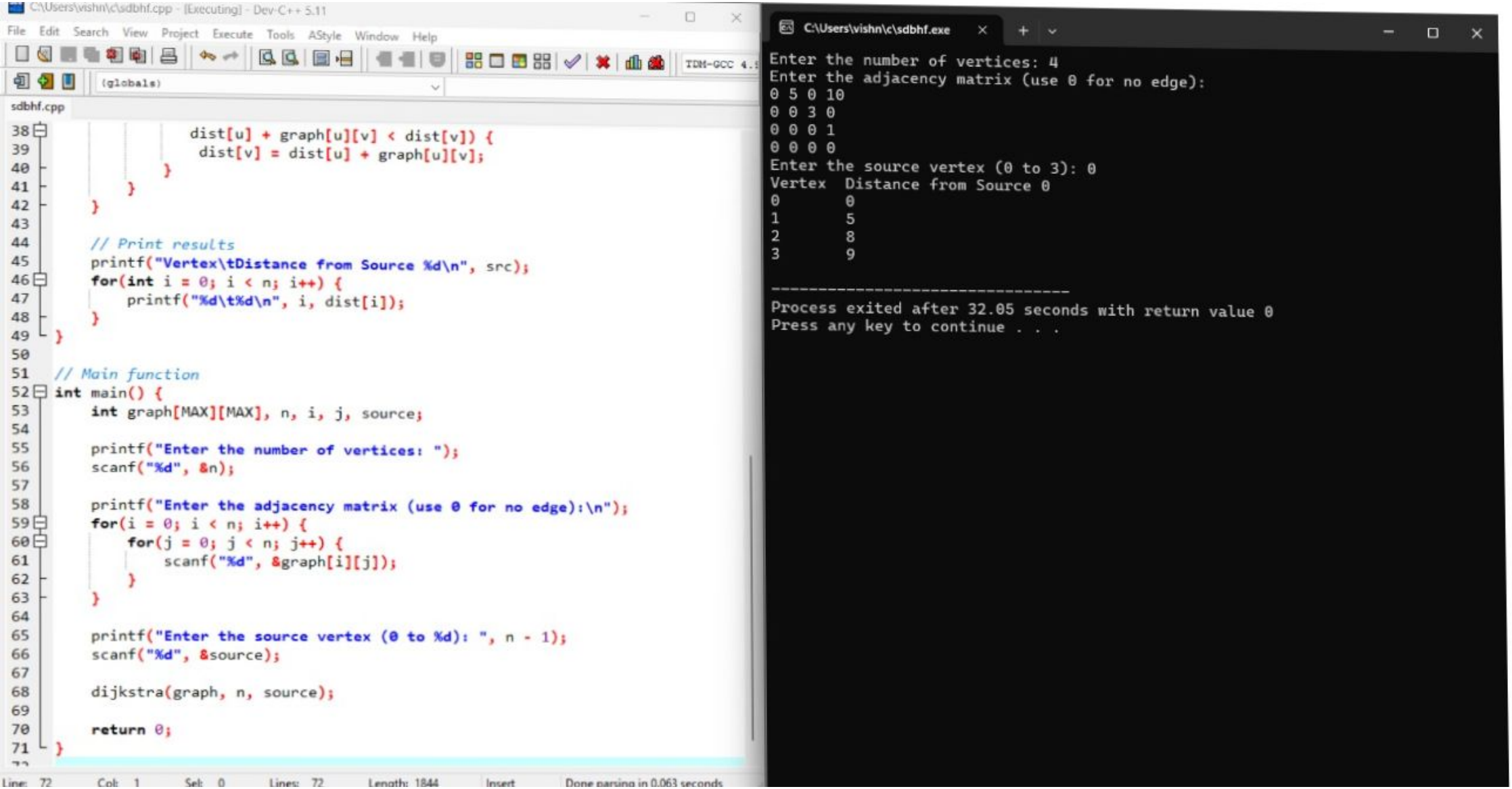

C:\Users\masta\OneDrive\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
Project Classes Debug
Untitled1.cpp
#include <stdio.h>
#include <stdlib.h>
typedef struct Node {
int key, height;
struct Node *left, *right;
} Node;
int h(Node *n) { return n ? n->height : 0; }
int max(int a, int b) { return a > b ? a : b; }
Node* newNode(int k) {
Node* n = (Node*)malloc(sizeof(Node));
n->key = k; n->left = n->right = NULL; n->height = 1;
return n;
}
Node* rotateR(Node* y) {
Node* x = y->left;
y->left = x->right; x->right = y;
y->height = max(h(y->left), h(y->right)) + 1;
x->height = max(h(x->left), h(x->right)) + 1;
return x;
}
Node* rotateL(Node* x) {
Node* y = x->right;
x->right = y->left; y->left = x;
x->height = max(h(x->left), h(x->right)) + 1;
y->height = max(h(y->left), h(y->right)) + 1;
return y;
}
int balance(Node* n) { return h(n->left) - h(n->right); }
Node* insert(Node* n, int k) {
if (!n) return newNode(k);
if (k < n->key) n->left = insert(n->left, k);
else if (k > n->key) n->right = insert(n->right, k);
else return n;
n->height = 1 + max(h(n->left), h(n->right));
Compiler Resources Compile Log Debug Find Results Close
Abort Compilation
Shorten compiler paths
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\masta\OneDrive\Doc
- Output Size: 129.677734375 KiB
- Compilation Time: 3.45s
C:\Users\masta\OneDrive\Do
Inorder: 10 20 30 40
Process exited after 1.19 seconds with return value 0
Press any key to continue . . .

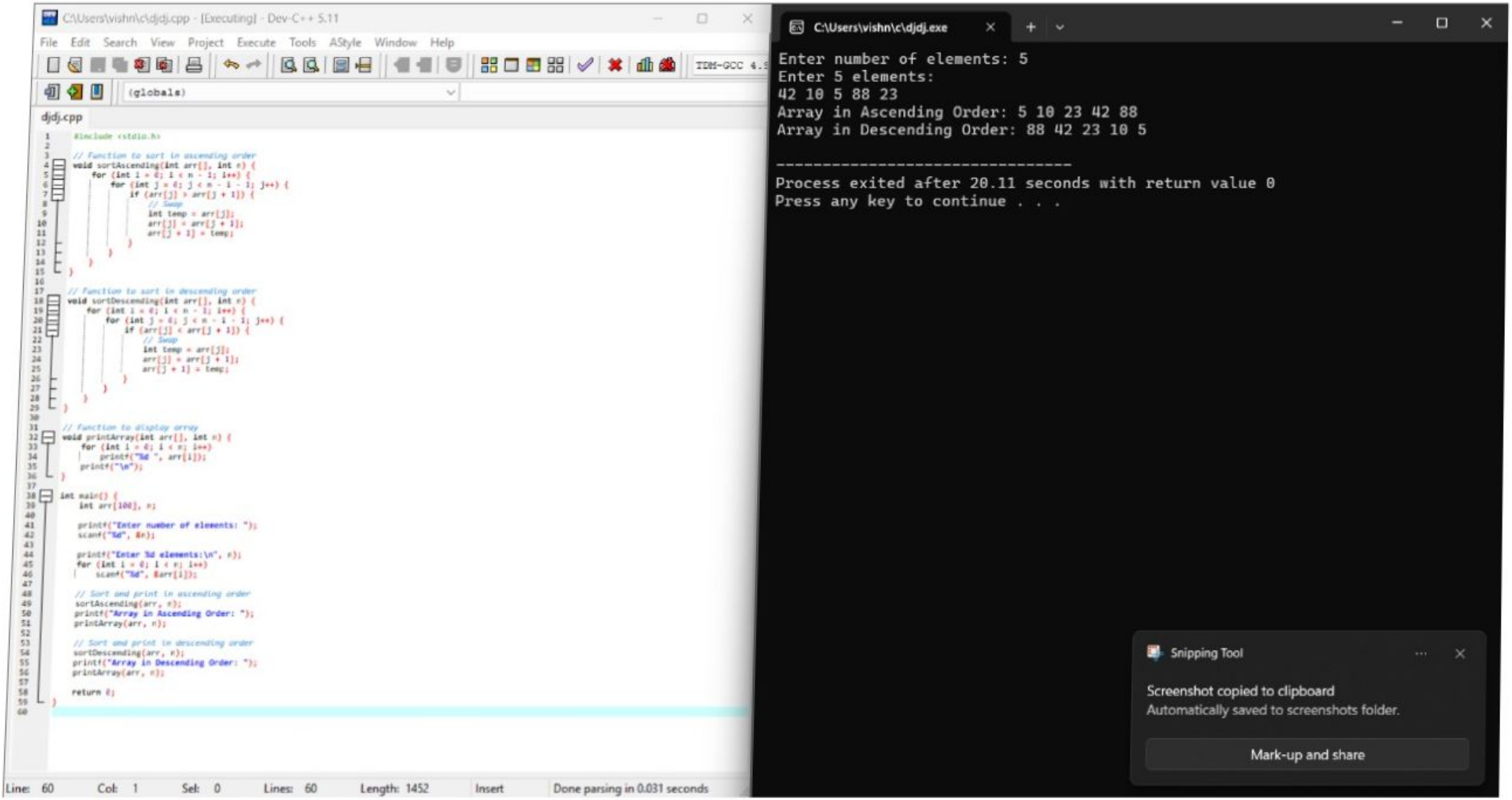

C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
if (cost + graph[pos][start] < *minCost) {
*minCost = cost + graph[pos][start];
return *minCost;
for (int i = 0; i < n; i++) {
if (!visited[i] && graph[pos][i]) {
visited[i] = 1;
tsp(graph, visited, i, n, count + 1, cost + graph[pos][i], start, minCost);
visited[i] = 0; // backtrack
return *minCost;
int main() {
int graph[MAX][MAX];
int visited[MAX] = {0};
int n, i, j;
int minCost = INT_MAX;
printf("Enter number of cities: ");
scanf("%d", &n);
printf("Enter distance matrix (0 if no path):\n");
for (i = 0; i < n; i++) {
for (j = 0; j < n; j++) {
scanf("%d", &graph[i][j]);
visited[0] = 1; // Start from city 0
tsp(graph, visited, 0, n, 1, 0, 0, &minCost);
printf("Minimum cost to complete TSP: %d\n", minCost);
return 0;

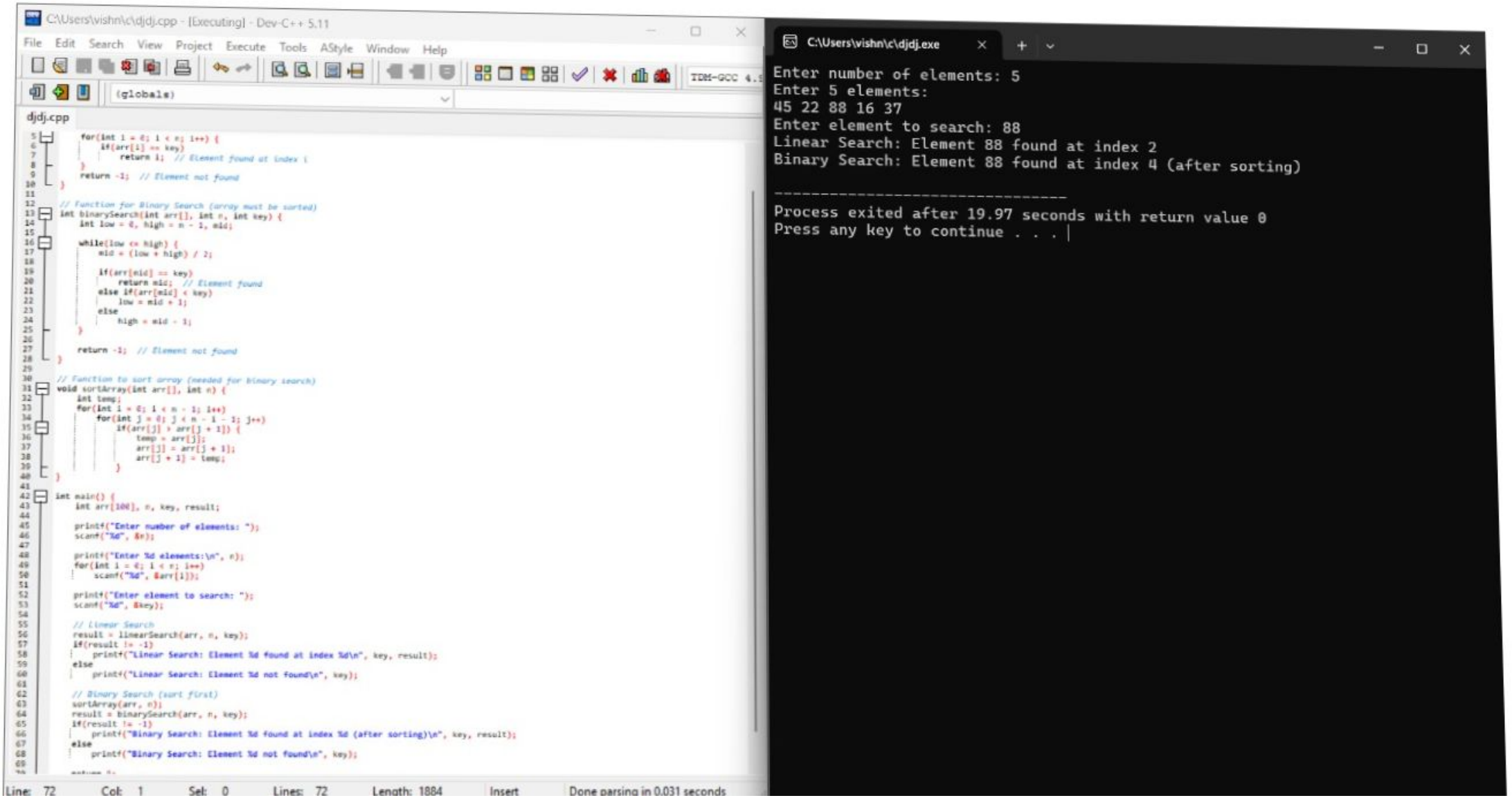

C:\Users\vishn\c\djdj.exe
Enter number of cities: 4
Enter distance matrix (0 if no path):
0 10 15 20
10 0 35 25
15 35 0 30
20 25 30 0
Minimum cost to complete TSP: 80
Process exited after 24.73 seconds with return value 0
Press any key to continue . . .

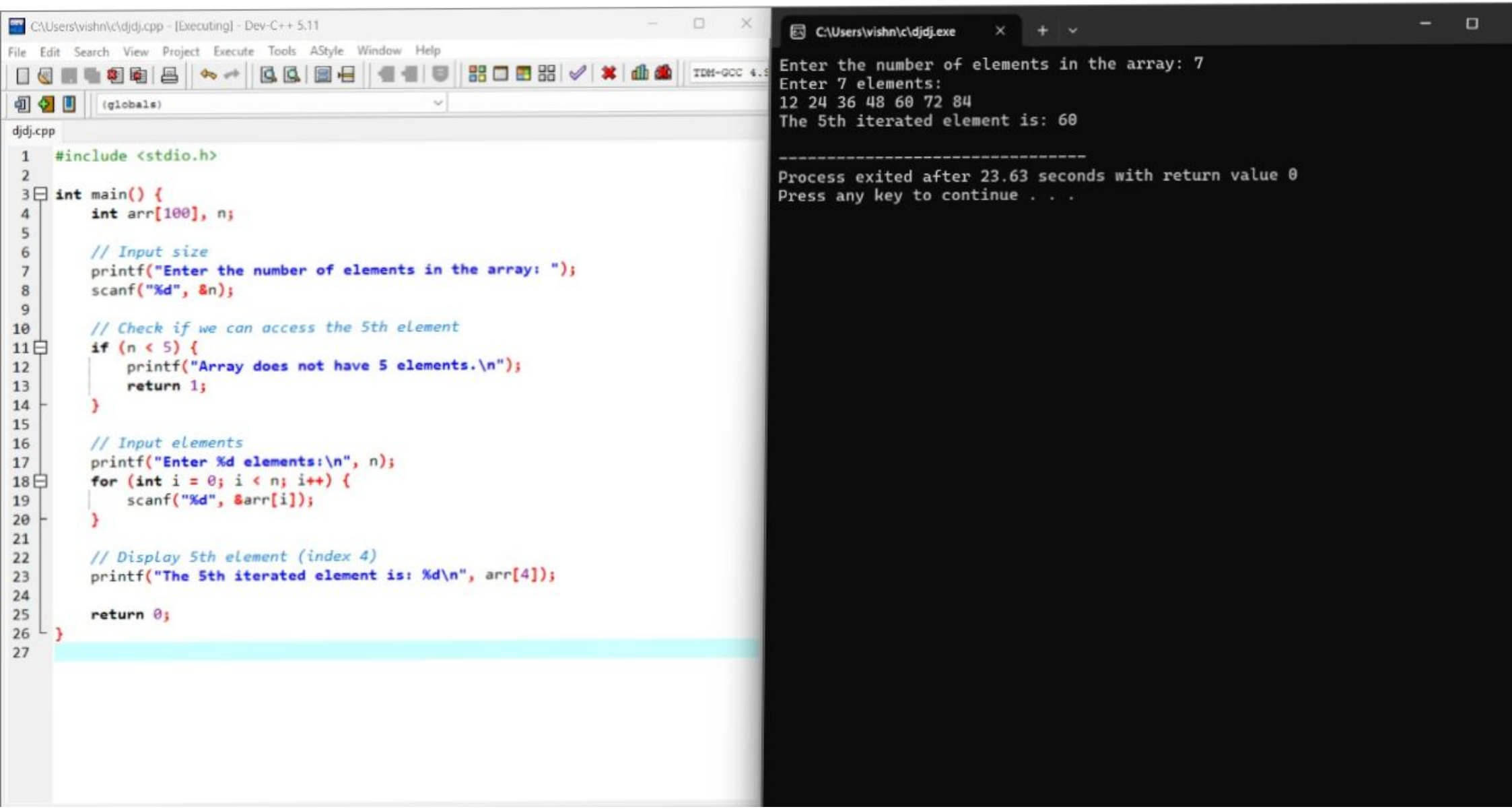

C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
}
}
// Main function
int main() {
struct Node* root = NULL;
int n, val, searchKey;
printf("Enter number of elements to insert in BST: ");
scanf("%d", &n);
printf("Enter the elements:\n");
for (int i = 0; i < n; i++) {
scanf("%d", &val);
root = insert(root, val);
}
printf("Inorder traversal of BST: ");
inorder(root);
printf("\n");
// Search
printf("Enter element to search: ");
scanf("%d", &searchKey);
struct Node* found = search(root, searchKey);
if (found)
printf("Element %d found in BST.\n", searchKey);
else
printf("Element %d not found in BST.\n", searchKey);
// Find Min
struct Node* minNode = findMin(root);
if (minNode)
printf("Minimum element in BST: %d\n", minNode->data);
// Find Max
struct Node* maxNode = findMax(root);
if (maxNode)
printf("Maximum element in BST: %d\n", maxNode->data);
return 0;
}

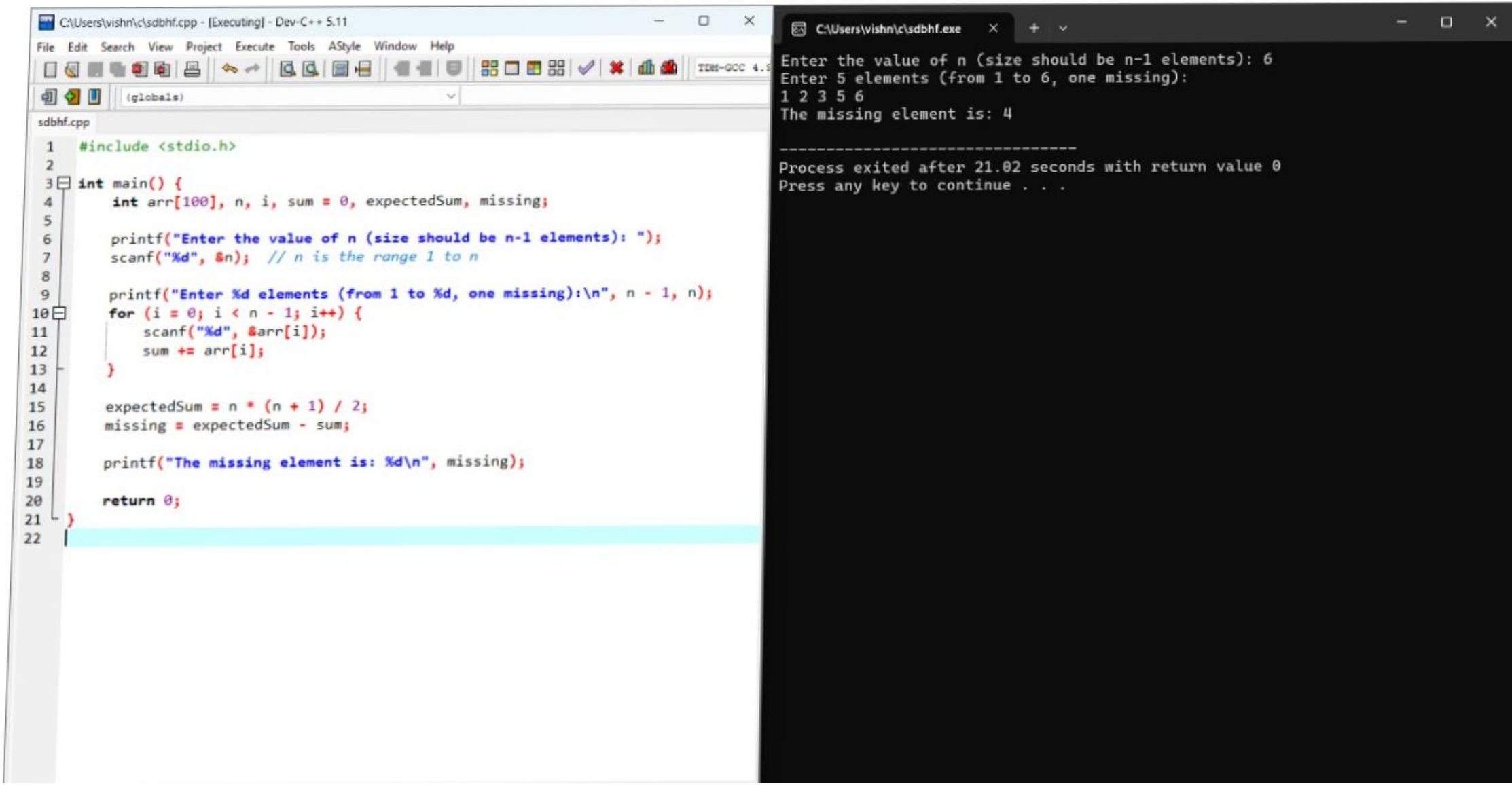

C:\Users\vishn\c\djdj.exe
Enter number of elements to insert in BST: 7
Enter the elements:
50 30 70 20 40 60 80
Inorder traversal of BST: 20 30 40 50 60 70 80
Enter element to search: 60
Element 60 found in BST.
Minimum element in BST: 20
Maximum element in BST: 80
--------------------------------
Process exited after 38.74 seconds with return value 0
Press any key to continue . . .

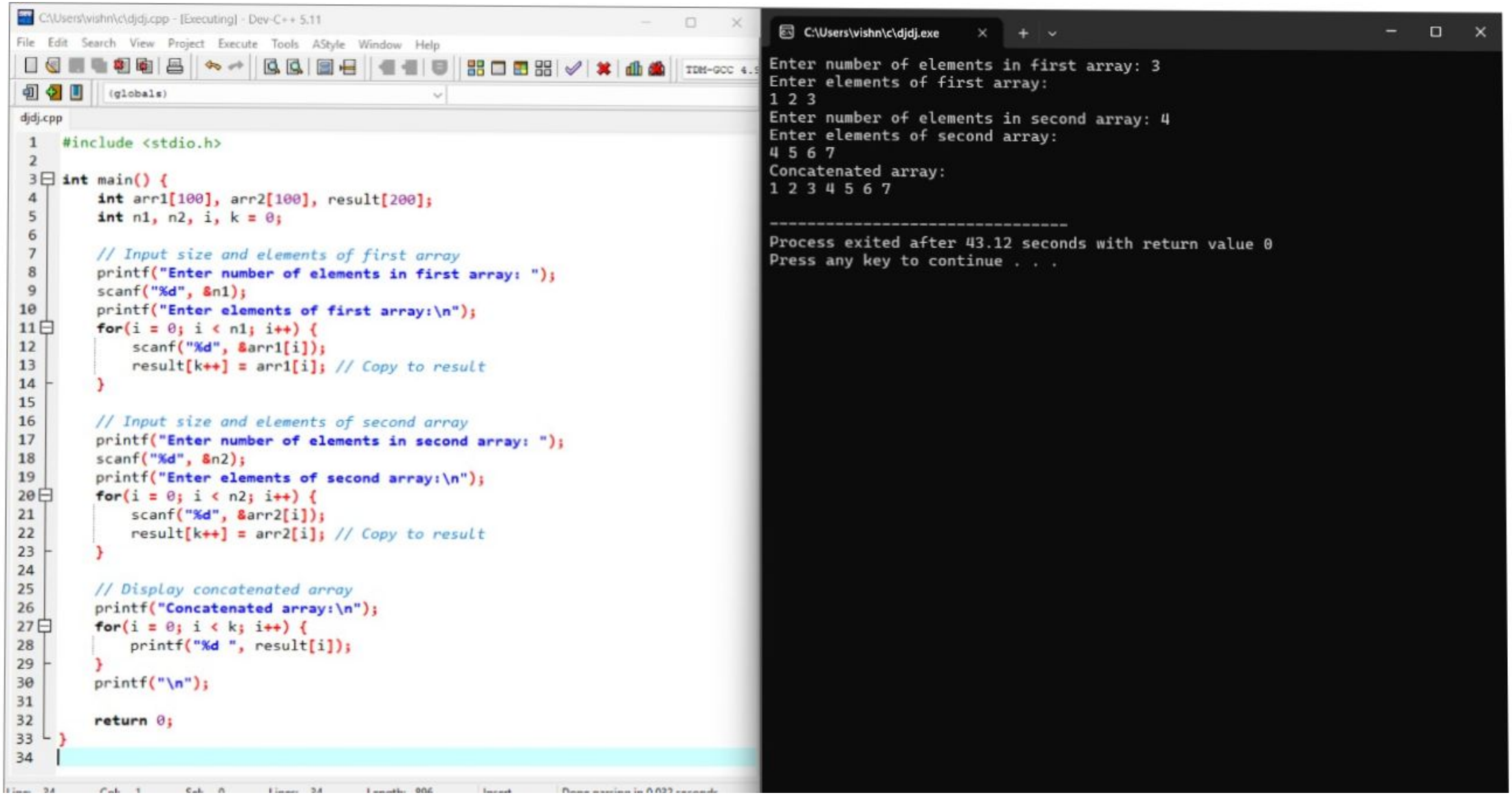

C:\Users\vishn\c\sdbhf.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
sdbhf.cpp
dist[u] + graph[u][v] < dist[v]) {
dist[v] = dist[u] + graph[u][v];
// Print results
printf("Vertex\tDistance from Source %d\n", src);
for(int i = 0; i < n; i++) {
printf("%d\t%d\n", i, dist[i]);
// Main function
int main() {
int graph[MAX][MAX], n, i, j, source;
printf("Enter the number of vertices: ");
scanf("%d", &n);
printf("Enter the adjacency matrix (use 0 for no edge):\n");
for(i = 0; i < n; i++) {
for(j = 0; j < n; j++) {
scanf("%d", &graph[i][j]);
printf("Enter the source vertex (0 to %d): ", n - 1);
scanf("%d", &source);
dijkstra(graph, n, source);
return 0;
C:\Users\vishn\c\sdbhf.exe
Enter the number of vertices: 4
Enter the adjacency matrix (use 0 for no edge):
0 5 0 10
0 0 3 0
0 0 0 1
0 0 0 0
Enter the source vertex (0 to 3): 0
Vertex Distance from Source 0
0 0
1 5
2 8
3 9
Process exited after 32.05 seconds with return value 0
Press any key to continue . . .


C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
#include <stdio.h>
// Function to sort in ascending order
void sortAscending(int arr[], int n) {
for (int i = 0; i < n - 1; i++) {
for (int j = 0; j < n - i - 1; j++) {
if (arr[j] > arr[j + 1]) {
// Swap
int temp = arr[j];
arr[j] = arr[j + 1];
arr[j + 1] = temp;
}
}
}
}
// Function to sort in descending order
void sortDescending(int arr[], int n) {
for (int i = 0; i < n - 1; i++) {
for (int j = 0; j < n - i - 1; j++) {
if (arr[j] < arr[j + 1]) {
// Swap
int temp = arr[j];
arr[j] = arr[j + 1];
arr[j + 1] = temp;
}
}
}
}
// Function to display array
void printArray(int arr[], int n) {
for (int i = 0; i < n; i++)
printf("%d ", arr[i]);
printf("\n");
}
int main() {
int arr[100], n;
printf("Enter number of elements: ");
scanf("%d", &n);
printf("Enter %d elements:\n", n);
for (int i = 0; i < n; i++)
scanf("%d", &arr[i]);
// Sort and print in ascending order
sortAscending(arr, n);
printf("Array in Ascending Order: ");
printArray(arr, n);
// Sort and print in descending order
sortDescending(arr, n);
printf("Array in Descending Order: ");
printArray(arr, n);
return 0;
}
Line: 60 Col: 1 Sel: 0 Lines: 60 Length: 1452 Insert Done parsing in 0.031 seconds
C:\Users\vishn\c\djdj.exe
Enter number of elements: 5
Enter 5 elements:
42 10 5 88 23
Array in Ascending Order: 5 10 23 42 88
Array in Descending Order: 88 42 23 10 5
Process exited after 20.11 seconds with return value 0
Press any key to continue . . .
Snipping Tool
Screenshot copied to clipboard
Automatically saved to screenshots folder.
Mark-up and share


C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
for(int i = 0; i < n; i++) {
if(arr[i] == key)
return i; // Element found at index i
}
return -1; // Element not found
}
// Function for Binary Search (array must be sorted)
int binarySearch(int arr[], int n, int key) {
int low = 0, high = n - 1, mid;
while(low <= high) {
mid = (low + high) / 2;
if(arr[mid] == key)
return mid; // Element found
else if(arr[mid] < key)
low = mid + 1;
else
high = mid - 1;
}
return -1; // Element not found
}
// Function to sort array (needed for binary search)
void sortArray(int arr[], int n) {
int temp;
for(int i = 0; i < n - 1; i++)
for(int j = 0; j < n - i - 1; j++)
if(arr[j] > arr[j + 1]) {
temp = arr[j];
arr[j] = arr[j + 1];
arr[j + 1] = temp;
}
}
int main() {
int arr[100], n, key, result;
printf("Enter number of elements: ");
scanf("%d", &n);
printf("Enter %d elements:\n", n);
for(int i = 0; i < n; i++)
scanf("%d", &arr[i]);
printf("Enter element to search: ");
scanf("%d", &key);
// Linear Search
result = linearSearch(arr, n, key);
if(result != -1)
printf("Linear Search: Element %d found at index %d\n", key, result);
else
printf("Linear Search: Element %d not found\n", key);
// Binary Search (sort first)
sortArray(arr, n);
result = binarySearch(arr, n, key);
if(result != -1)
printf("Binary Search: Element %d found at index %d (after sorting)\n", key, result);
else
printf("Binary Search: Element %d not found\n", key);
Line: 72 Col: 1 Sel: 0 Lines: 72 Length: 1884 Insert Done parsing in 0.031 seconds
C:\Users\vishn\c\djdj.exe
Enter number of elements: 5
Enter 5 elements:
45 22 88 16 37
Enter element to search: 88
Linear Search: Element 88 found at index 2
Binary Search: Element 88 found at index 4 (after sorting)
Process exited after 19.97 seconds with return value 0
Press any key to continue . . .


C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
#include <stdio.h>
int main() {
int arr[100], n;
// Input size
printf("Enter the number of elements in the array: ");
scanf("%d", &n);
// Check if we can access the 5th element
if (n < 5) {
printf("Array does not have 5 elements.\n");
return 1;
}
// Input elements
printf("Enter %d elements:\n", n);
for (int i = 0; i < n; i++) {
scanf("%d", &arr[i]);
}
// Display 5th element (index 4)
printf("The 5th iterated element is: %d\n", arr[4]);
return 0;
}
C:\Users\vishn\c\djdj.exe
Enter the number of elements in the array: 7
Enter 7 elements:
12 24 36 48 60 72 84
The 5th iterated element is: 60
--------------------------------
Process exited after 23.63 seconds with return value 0
Press any key to continue . . .


C:\Users\vishn\c\sdbhf.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
sdbhf.cpp
#include <stdio.h>
int main() {
int arr[100], n, i, sum = 0, expectedSum, missing;
printf("Enter the value of n (size should be n-1 elements): ");
scanf("%d", &n); // n is the range 1 to n
printf("Enter %d elements (from 1 to %d, one missing):\n", n - 1, n);
for (i = 0; i < n - 1; i++) {
scanf("%d", &arr[i]);
sum += arr[i];
}
expectedSum = n * (n + 1) / 2;
missing = expectedSum - sum;
printf("The missing element is: %d\n", missing);
return 0;
}
C:\Users\vishn\c\sdbhf.exe
Enter the value of n (size should be n-1 elements): 6
Enter 5 elements (from 1 to 6, one missing):
1 2 3 5 6
The missing element is: 4
Process exited after 21.02 seconds with return value 0
Press any key to continue . . .


C:\Users\vishn\c\djdj.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
djdj.cpp
#include <stdio.h>
int main() {
int arr1[100], arr2[100], result[200];
int n1, n2, i, k = 0;
// Input size and elements of first array
printf("Enter number of elements in first array: ");
scanf("%d", &n1);
printf("Enter elements of first array:\n");
for(i = 0; i < n1; i++) {
scanf("%d", &arr1[i]);
result[k++] = arr1[i]; // Copy to result
}
// Input size and elements of second array
printf("Enter number of elements in second array: ");
scanf("%d", &n2);
printf("Enter elements of second array:\n");
for(i = 0; i < n2; i++) {
scanf("%d", &arr2[i]);
result[k++] = arr2[i]; // Copy to result
}
// Display concatenated array
printf("Concatenated array:\n");
for(i = 0; i < k; i++) {
printf("%d ", result[i]);
}
printf("\n");
return 0;
}
C:\Users\vishn\c\djdj.exe
Enter number of elements in first array: 3
Enter elements of first array:
1 2 3
Enter number of elements in second array: 4
Enter elements of second array:
4 5 6 7
Concatenated array:
1 2 3 4 5 6 7
--------------------------------
Process exited after 43.12 seconds with return value 0
Press any key to continue . . .