

C:\Users\91801\Documents\3.cpp - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

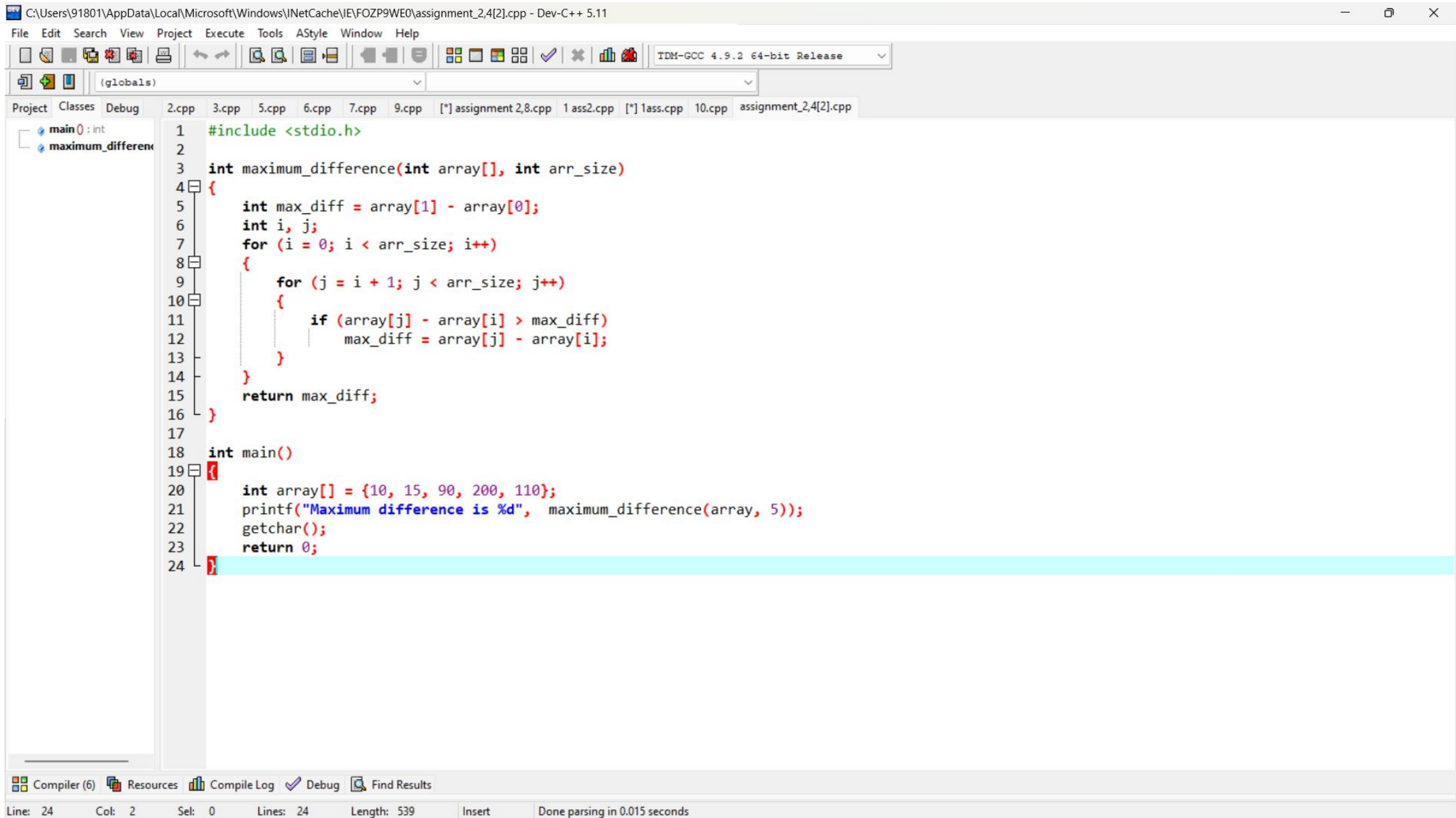
Project Classes Debug 2.cpp 3.cpp

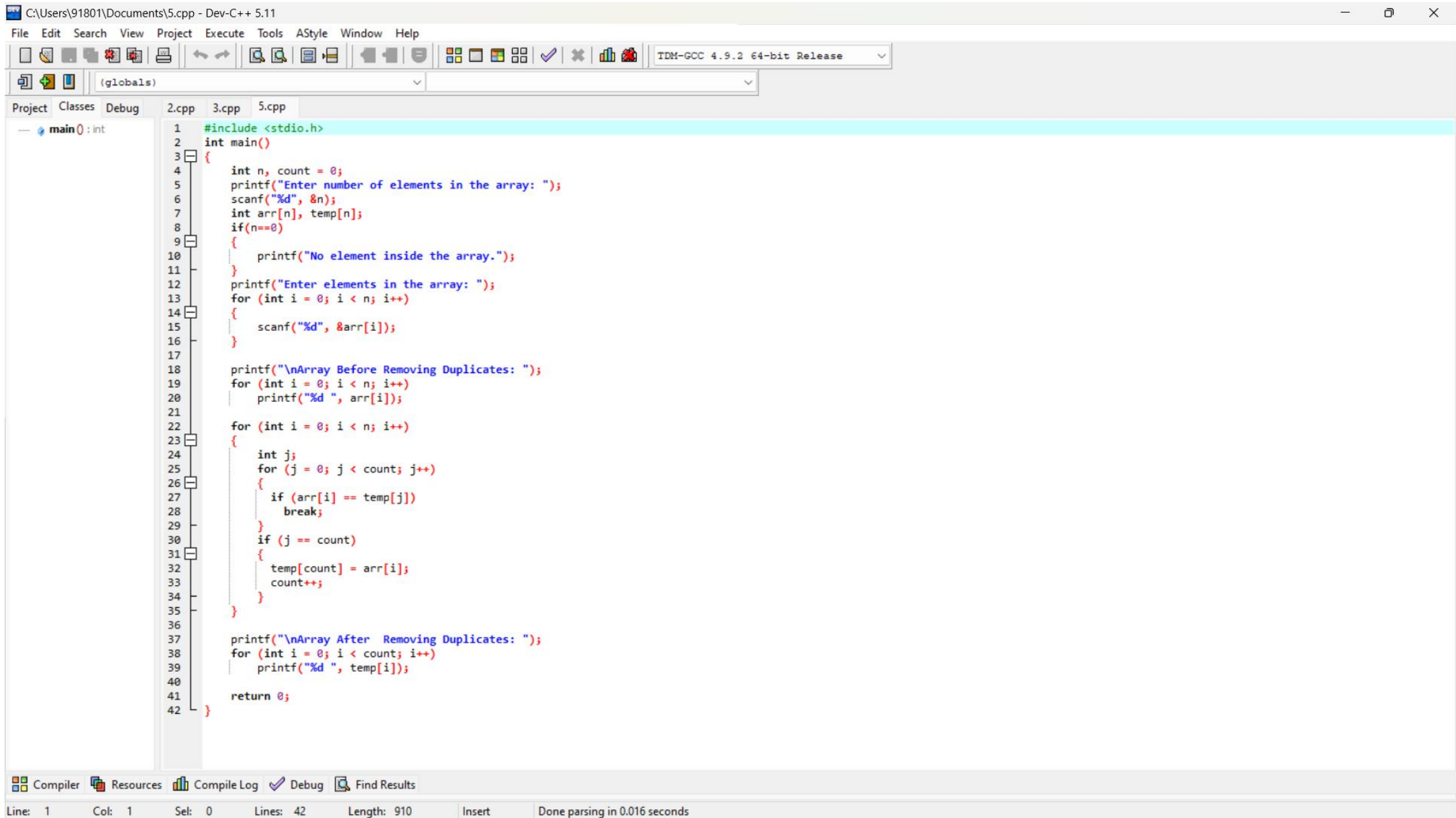
main0 : int

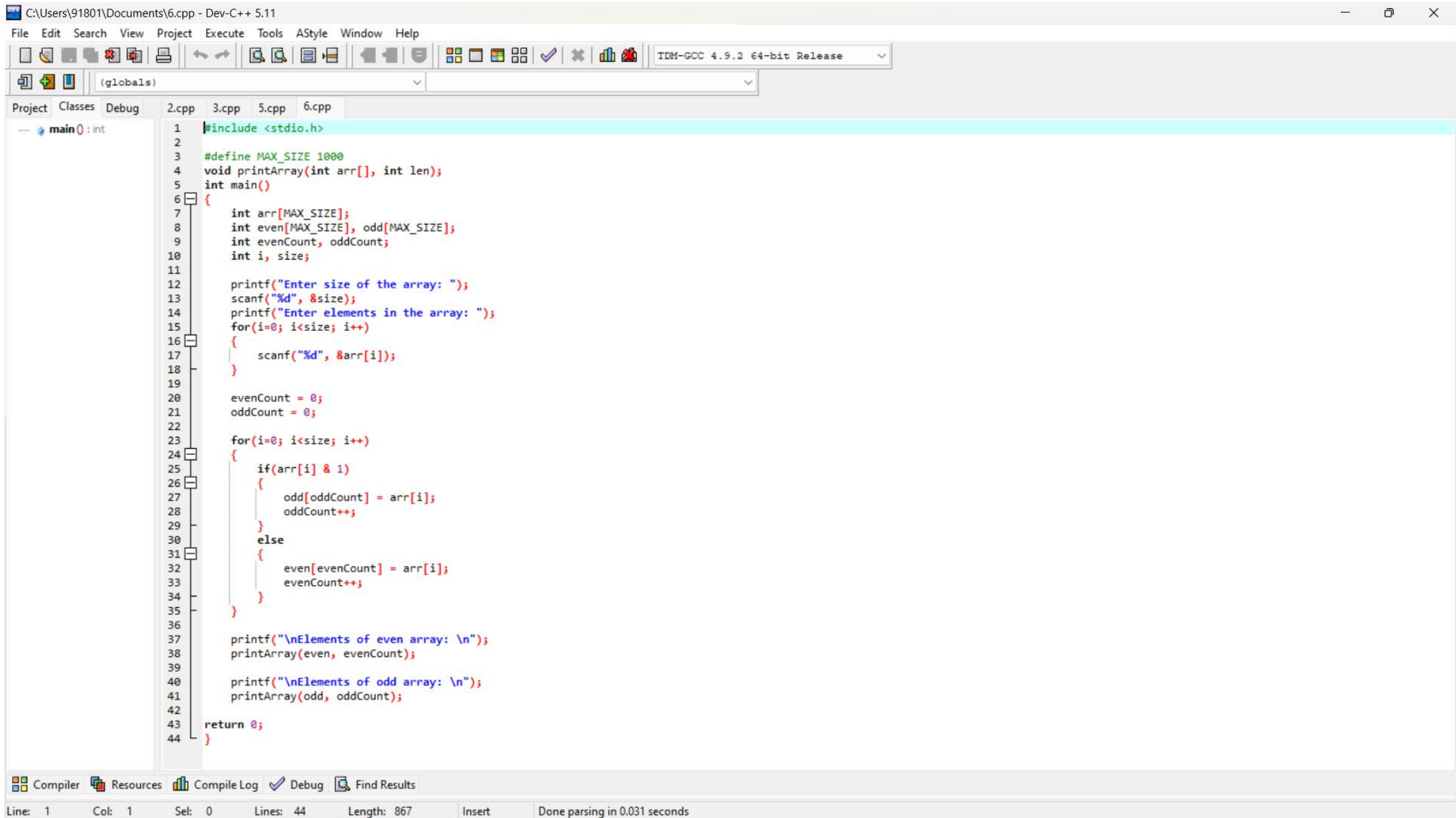
```
1 #include <stdio.h>
2
3 int main()
4 {
5     int n;
6     printf("Enter the number of elements:");
7     scanf("%d",&n);
8     printf("Enter the array elements :");
9     int a[n];
10    for(int i=0;i<n;i++)
11    {
12        scanf("%d",&a[i]);
13    }
14    for(int i=0;i<n;i++)
15    {
16        int temp;
17        for(int j=i+1; j<n ;j++)
18        {
19            if(a[i]<a[j])
20            {
21                temp=a[i];
22                a[i]=a[j];
23                a[j]=temp;
24            }
25        }
26    }
27    printf("The second smallest element is %d",a[n-2]);
28    printf("\n");
29    printf("The second largest element is %d",a[1]);
30    return 0;
31 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 31 Length: 683 Insert Done parsing in 0.016 seconds









C:\Users\91801\Documents\7.cpp - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug 2.cpp 3.cpp 5.cpp 6.cpp 7.cpp

main0 : int

```
1  #include <stdio.h>
2
3  int main()
4  {
5      int size;
6      printf("Enter size of the array: ");
7      scanf("%d",&size);
8      printf("Enter Array Elements: ");
9      int arr[size];
10
11     for(int i=0;i<size;i++)
12         scanf("%d",&arr[i]);
13     printf("Entered Array is: ");
14     for(int i=0;i<size;i++)
15         printf("%d ",arr[i]);
16
17     int start=0,end=size-1;
18     while(start<end)
19     {
20         int temp=arr[start];
21         arr[start]=arr[end];
22         arr[end]=temp;
23
24         start++;
25         end--;
26     }
27     printf("\nReversed array is: ");
28     for(int i=0;i<size;i++)
29         printf("%d ",arr[i]);
30     return 0;
31 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 31 Length: 627 Insert Done parsing in 0.015 seconds

D:\photos\assignment 2,8.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 2.cpp 3.cpp 5.cpp 6.cpp 7.cpp 9.cpp [\*] assignment 2,8.cpp

```
1 int main()
2 {
3     int arr[] = {1, 2, 8, 3, 2, 2, 2, 5, 1};
4
5     int length = sizeof(arr)/sizeof(arr[0]);
6
7     int fr[length];
8     int visited = -1;
9
10    for(int i = 0; i < length; i++){
11        int count = 1;
12        for(int j = i+1; j < length; j++){
13            if(arr[i] == arr[j]){
14                count++;
15                fr[j] = visited;
16            }
17        }
18        if(fr[i] != visited)
19            fr[i] = count;
20    }
21
22    printf("-----\n");
23    printf(" Element | Frequency\n");
24    printf("-----\n");
25    for(int i = 0; i < length; i++){
26        if(fr[i] != visited){
27            printf("    %d", arr[i]);
28            printf(" | ");
29            printf(" %d\n", fr[i]);
30        }
31    }
32    printf("-----\n");
33    return 0;
34 }
```

Compiler Resources Compile Log Debug Find Results

Line: 36 Col: 6 Sel: 0 Lines: 36 Length: 1004 Insert Done parsing in 0.016 seconds



C:\Users\91801\Documents\9.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 2.cpp 3.cpp 5.cpp 6.cpp 7.cpp 9.cpp

main0 : int

```
1 #include <stdio.h>
2 int main ()
3 {
4     int num[20];
5     int i, j, a, n;
6     printf("enter number of elements in an array");
7     scanf("%d\n", &n);
8     printf("Enter the elements");
9     for (i = 0; i < n; ++i)
10         scanf("%d", &num[i]);
11     for (i = 0; i < n; ++i){
12         for (j = i + 1; j < n; ++j){
13             if (num[i] < num[j]){
14                 a = num[i];
15                 num[i] = num[j];
16                 num[j] = a;
17             }
18         }
19     }
20     printf("The numbers in descending order is:");
21     for (i = 0; i < n; ++i){
22         printf("%d\n", num[i]);
23     }
24 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 24 Length: 563 Insert Done parsing in 0.016 seconds

C:\Users\91801\AppData\Local\Microsoft\Windows\IE\VAEDS3Z0\ass2,10[1].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 2.cpp 3.cpp 5.cpp 6.cpp 7.cpp 9.cpp [\*] assignment\_2,8.cpp 1 ass2.cpp [\*] 1ass.cpp 10.cpp assignment\_2,4[2].cpp 10.s [\*] ass2,10[1].cpp ass2,10[1].cpp

main() : int

minJumps(int arr[], int n)

1#include <bits/stdc++.h>

2using namespace std;

3

4int minJumps(int arr[], int n)

5{

6

7if (n == 1)

8return 0;

9

10int res = INT\_MAX;

11for (int i = n - 2; i >= 0; i--) {

12if (i + arr[i] >= n - 1) {

13int sub\_res = minJumps(arr, i + 1);

14if (sub\_res != INT\_MAX)

15res = min(res, sub\_res + 1);

16}

17}

18

19return res;

20}

21

22int main()

23{

24int arr[] = { 1, 3, 5, 8, 9, 2, 6, 7, 6, 8, 9 };

25int n = sizeof(arr) / sizeof(arr[0]);

26cout << "Minimum number of jumps to";

27cout << " reach the end is " << minJumps(arr, n);

28return 0;

29}

30

Compiler Resources Compile Log Debug Find Results

Line: 30 Col: 2 Sel: 0 Lines: 30 Length: 635 Insert Done parsing in 0.032 seconds