

The image shows a C++ IDE with a source code editor and a compiler output window. The source code is as follows:

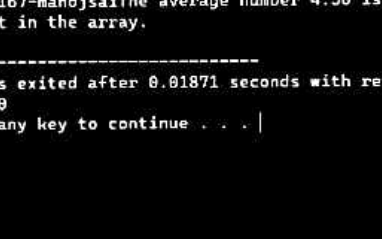
```
1 #include <stdio.h>
2
3 int main() {
4     printf("192224167-manojsai");
5     int arr[] = {1,2,4,5,4,2,7,5};
6     int n = sizeof(arr)/sizeof(arr[0]);
7     int i, j, k;
8
9
10    for(i=0; i<n; i++) {
11        for(j=i+1; j<n; j++) {
12            if(arr[j] == arr[i]) {
13                for(k=j; k<n; k++) {
14                    arr[k] = arr[k+1];
15                }
16                n--;
17            }
18            else {
19                j++;
20            }
21        }
22    }
23
24
25 }
```

The compiler output window shows the following results:

```
Compilation results...
- Errors: 0
- Warnings: 0
- Output Filename: E:\artstxt.exe
- Output Size: 128.431640625 KiB
- Compilation Time: 0.25s
```

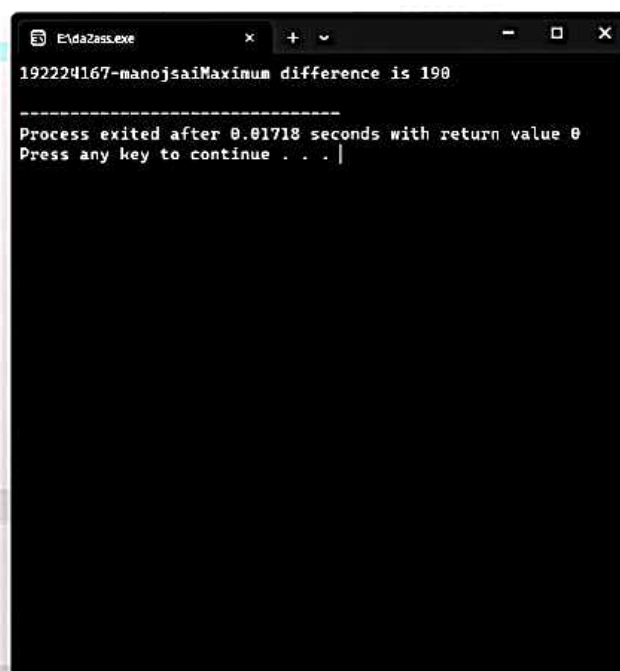
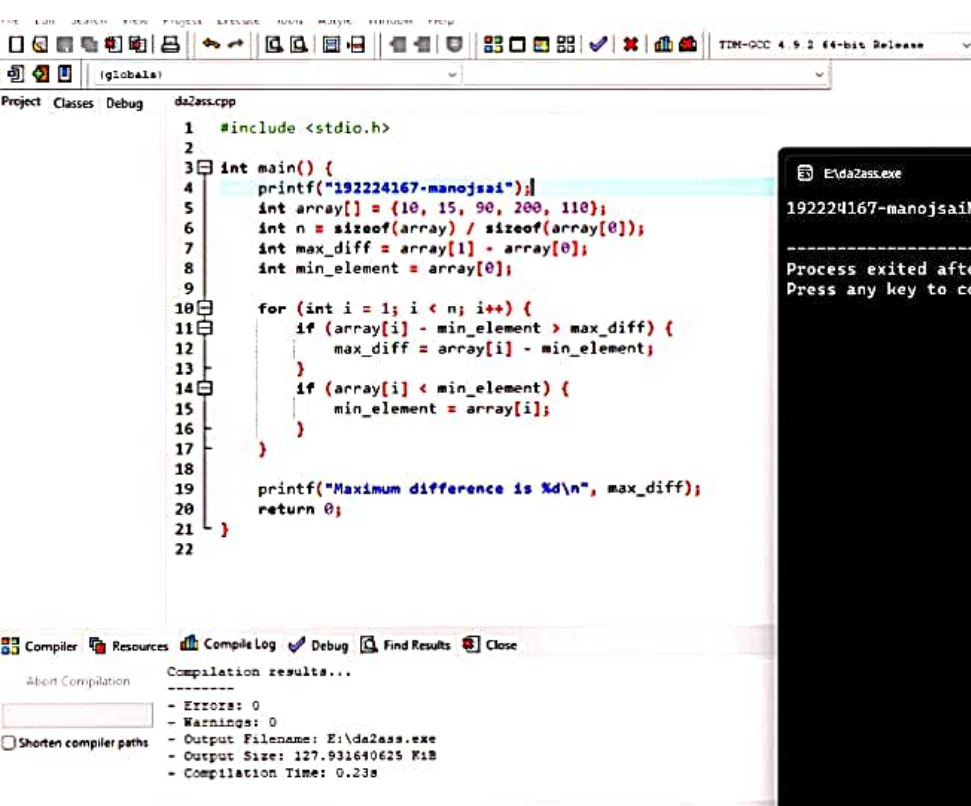
The image shows a command prompt window with the following output:

```
E:\artstxt.exe
192224167-manojsaiResultant Array after removing duplicates: 1 2 4 5 7
-----
Process exited after 0.02182 seconds with return value 0
Press any key to continue . . .
```



```
E:\da2ass.exe
192224167-manojsaiThe average number 4.50 is not
present in the array.

-----
Process exited after 0.01871 seconds with return
value 0
Press any key to continue . . . |
```





```
1 #include <stdio.h>
2
3 int main() {
4     printf("192224167-manojsai");
5     int arr[5] = {12, 56, 34, 78, 100};
6     int largest = arr[0];
7
8     for(int i = 1; i < 5; i++) {
9         if(arr[i] > largest) {
10             largest = arr[i];
11         }
12     }
13
14     printf("Largest element in the array is: %d", largest);
15     return 0;
16 }
17
```

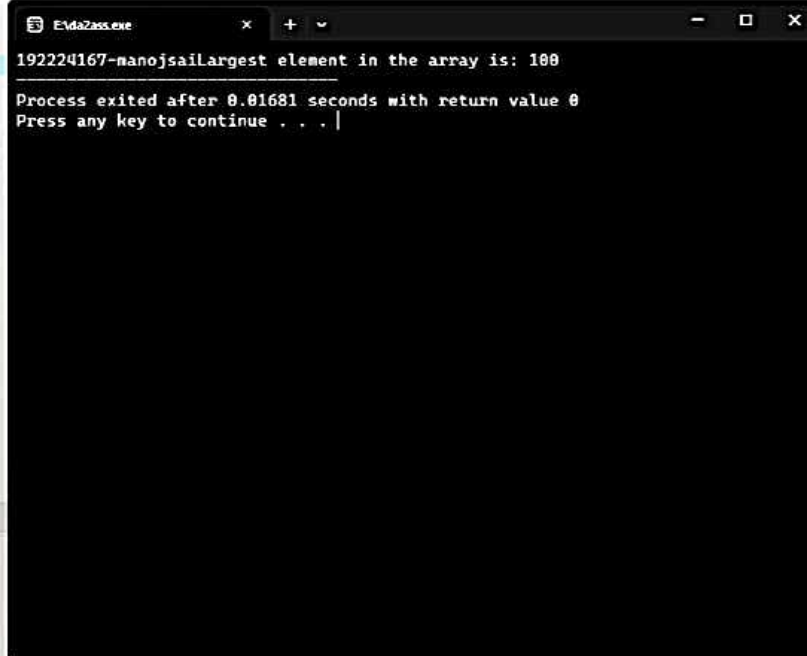
Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: E:\da2ass.exe
- Output Size: 127.931640625 KiB
- Compilation Time: 0.27s

Line: 4 Col: 11 Sel: 0 Lines: 17 Length: 329 Insert Done parsing in 0 seconds



```
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2
qglobal1e)
Project Classes Debug
da2ass.cpp
1 #include <stdio.h>
2
3 void findLargestTwo(int arr[], int n)
4 {
5     int firstLargest, secondLargest;
6     printf("192224167-manojsai");
7     if (arr[0] > arr[1]) {
8         firstLargest = arr[0];
9         secondLargest = arr[1];
10    } else {
11        firstLargest = arr[1];
12        secondLargest = arr[0];
13    }
14
15    for (int i = 2; i < n; i++) {
16        if (arr[i] > firstLargest) {
17            secondLargest = firstLargest;
18            firstLargest = arr[i];
19        } else if (arr[i] > secondLargest) {
20            secondLargest = arr[i];
21        }
22    }
23
24    printf("The FIRST LARGEST = %d\n", firstLargest);
25    printf("The SECOND LARGEST = %d\n", secondLargest);
26
27
Compiler Resources Compile Log Debug Find Results Close
About Compilation
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: E:\da2ass.exe
- Output Size: 129.640625 KiB
Shorten compiler paths
```

```
E:\da2ass.exe
Enter the number of elements: 8
Enter 8 elements: 8
7
5
4
3
2
1
0
192224167-manojsaiThe FIRST LARGEST = 8
The SECOND LARGEST = 7
-----
Process exited after 25.61 seconds with return value 0
Press any key to continue . . .
```

globals

Project Classes Debug

soumil.1.cpp manoj soumil.cpp

```
1 #include <stdio.h>
2
3 int main() {
4     int arr[100], n, i, j, temp;
5
6     printf("Enter the value of N: ");
7     printf("192224167 manoj sai");
8     public int __cdecl printf (const char * __restrict__ _Format, ...)
9
10    printf("Enter the numbers: ");
11    for (i = 0; i < n; i++) {
12        scanf("%d", &arr[i]);
13    }
14
15    for (i = 0; i < n; i++) {
16        for (j = i + 1; j < n; j++) {
17            if (arr[i] < arr[j]) {
18                temp = arr[i];
19                arr[i] = arr[j];
20                arr[j] = temp;
21            }
22        }
23    }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

```
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\manoj soumil.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.44s
```

C:\Users\user\Desktop\manoj soumil.exe

Enter the value of N: 192224167 manoj sai5
Enter the numbers: 4
3
2
1
0
The numbers arranged in descending order are given below:
4
3
2
1
0

Process exited after 9.108 seconds with return value 0
Press any key to continue . . .



TDM-GCC 4.9.2 64-bit Release

[*] sudheer soumil.cpp

```
6   int i, j, n, count;
7
8   printf("Enter the number of elements in the array: ");
9   printf("192224167 manoj sai");
10  public int __cdecl printf (const char * __restrict __Format, ...)
11
12  printf("Enter the elements of the array: ");
13  for (i = 0; i < n; i++) {
14      scanf("%d", &arr[i]);
15      freq[i] = -1; // initialize frequency array with -1
16  }
17
18  for (i = 0; i < n; i++) {
19      count = 1;
20      for (j = i + 1; j < n; j++) {
21          if (arr[i] == arr[j]) {
22              count++;
23              freq[j] = 0; // mark the element as counted
24          }
25      }
26      if (freq[i] != 0) {
27          freq[i] = count;
28      }
```

Compile Log Debug Find Results Close

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\sudheer soumil.exe
- Output Size: 129.2705078125 KiB
- Compilation Time: 0.47s
```

C:\Users\user\Desktop\sudheer soumil.exe

Enter the number of elements in the array: 192210305 soumil7
Enter the elements of the array: 1

2
3
4
5
6
7
Frequency of each element in the array:
1 occurs 1 times
2 occurs 1 times
3 occurs 1 times
4 occurs 1 times
5 occurs 1 times
6 occurs 1 times
7 occurs 1 times

Process exited after 11.78 seconds with return value 0
Press any key to continue . . .

C:\Users\user\Desktop\manoj bhargav.cpp - [executing] - Dev-C++ 5.11

Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Classes Debug

manoj bhargav.cpp

```
20
21     steps--;
22
23     if (steps == 0) {
24         jumps++;
25
26         if (i >= maxReach)
27             return -1;
28
29         steps = maxReach - i;
30     }
31 }
32
33 return -1;
34 }
35
36 int main()
37 {
38     int arr[] = { 1, 3, 5, 8, 9, 2, 6, 7, 6, 8, 9 };
39     int n = sizeof(arr) / sizeof(arr[0]);
40     printf("Minimum number of jumps to reach end is %d\n", minJumps(arr, n));
41     printf("192224167 manoj sai");
42     public int __cdecl printf (const char * __restrict __Format, ...)
```

Compiler Resources Compile Log Debug Find Results Close

port Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\manoj bhargav.exe
- Output Size: 128.4638671875 KiB
- Compilation Time: 0.47s

C:\Users\user\Desktop\manoj bhargav.exe

```
Minimum number of jumps to reach end is 3
192224167 manoj sai
-----
Process exited after 0.07425 seconds with return value 0
Press any key to continue . . .
```


C:\Users\user\Desktop\bhargav soumil.cpp - [Executing] - Dev-C++ 5.11

Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

bhargav soumil.cpp

```
1  #include <stdio.h>
2
3  int main() {
4      int arr[100], even[100], odd[100];
5      int i, j = 0, k = 0, n;
6
7      printf("Enter the number of elements in the array: ");
8      printf("192224167 manojisai");
9      public int _cdecl printf (const char * __restrict__ _Format, ...)
10
11     printf("Enter the elements of the array: ");
12     for (i = 0; i < n; i++) {
13         scanf("%d", &arr[i]);
14     }
15
16     for (i = 0; i < n; i++) {
17         if (arr[i] % 2 == 0) {
18             even[j] = arr[i];
19             j++;
20         }
21         else {
22             odd[k] = arr[i];
23             k++;
24         }
25     }
26 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\bhargav soumil.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.47s
```

C:\Users\user\Desktop\bhargav soumil.exe

Enter the number of elements in the array: 192224167 manojisai
Enter the elements of the array: 3

Even elements of the array:
Odd elements of the array: 3

Process exited after 4.427 seconds with return value 0
Press any key to continue . . .



```
manoj sai sudheer.cpp
5   int i, j, n, flag = 1;
6
7   printf("Enter the number of elements in the array: ");
8   printf("192224167 manoj sai");
9   public int __cdecl printf (const char * __restrict __Format, ...)
10
11   printf("Enter the elements of the array: ");
12   for (i = 0; i < n; i++) {
13       scanf("%d", &arr[i]);
14   }
15
16   // Reverse the array
17   for (i = 0, j = n - 1; i < n; i++, j--) {
18       rev[i] = arr[j];
19   }
20
21   // Check if the array is palindrome
22   for (i = 0; i < n; i++) {
23       if (arr[i] != rev[i]) {
24           flag = 0;
25           break;
26       }
27   }
```

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\manoj sai sudheer.exe
- Output Size: 128.6220703125 KiB
- Compilation Time: 0.47s

