File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug

sudheer soumil.cpp

```c
 6        int i, j, n, count;
 7
 8        printf("Enter the number of elements in the array: ");
 9        printf("192210249 sudheer");
10        scanf("%d", &n);
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            }
```

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\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: 192210249 sudheer4
Enter the elements of the array: 1
2
3
4
Frequency of each element in the array:
1 occurs 1 times
2 occurs 1 times
3 occurs 1 times
4 occurs 1 times

-----------------------------------
Process exited after 10.79 seconds with return value 0
Press any key to continue . . .
```

Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

manoj bhargav.cpp

```cpp
15          for (int i = 1; i < n; i++) {
16              if (i == n - 1)
17                  return jumps;
18
19              maxReach = (maxReach, i + arr[i]);
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      {
```

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

```
Minimum number of jumps to reach end is 3
192210249 sudheer
------------------------------------
Process exited after 0.02586 seconds with return value 0
Press any key to continue . . .
```

Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\manoj bhargav.exe
- Output Size: 128.4638671875 KiB
- Compilation Time: 0.45s

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug

bhargav soumil.cpp

```c
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("192210266 sudheer");
9        scanf("%d", &n);
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++;
```

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

```
Enter the number of elements in the array: 192210266 sudheer1
Enter the elements of the array: 2

Even elements of the array: 2
Odd elements of the array:
-----------------------------------
Process exited after 4.862 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\bhargav soumil.ex
- Output Size: 128.6015625 KiB
- Compilation Time: 0.50s
```

Shorten compiler paths

le Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

roject Classes Debug

manoj soumil.cpp

```c
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("192210249 sudheer");
8        scanf("%d", &n);
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       }
```

Console output:

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

Enter the value of N: 192210249 sudheer1
Enter the numbers: 2
The numbers arranged in descending order are given below:
2

-----------------------------------
Process exited after 15.68 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\user\Desktop\manoj soumil.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 0.49s
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   da2ass.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        printf("192210249-sudheer");
5        public int __cdecl printf (const char * __restrict__ _Format, ...)
6        int n = sizeof(arr)/sizeof(arr[0]);
7        int temp, i, j;
8        float avg;
9
10
11       for (i = 0; i < n; i++) {
12           for (j = i+1; j < n; j++) {
13               if (arr[i] < arr[j]) {
14                   temp = arr[i];
15                   arr[i] = arr[j];
16                   arr[j] = temp;
17               }
18           }
19       }
20
21
22       int second_largest = arr[1];
23
24
25       int second_smallest = arr[n-2];
```

192210249-sudheerThe average number 4.50 is not present in the array.

Process exited after 0.01707 seconds with return value 0
Press any key to continue . . .

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: E:\da2ass.exe

Shorten compiler paths

```c
#include <stdio.h>

void findLargestTwo(int arr[], int n)
{
    int firstLargest, secondLargest;
    printf("192210249-sudheer reddy");
    public int __cdecl printf (const char * __restrict__ _Format, ...)
        firstLargest = arr[0];
        secondLargest = arr[1];
    } else {
        firstLargest = arr[1];
        secondLargest = arr[0];
    }

    for (int i = 2; i < n; i++) {
        if (arr[i] > firstLargest) {
            secondLargest = firstLargest;
            firstLargest = arr[i];
        } else if (arr[i] > secondLargest) {
            secondLargest = arr[i];
        }
    }

    printf("The FIRST LARGEST = %d\n", firstLargest);
    printf("The SECOND LARGEST = %d\n", secondLargest);
```

Console output:
```
Enter the number of elements: 8
Enter 8 elements: 8
7
6
5
4
3
2
1
192210249-sudheer reddyThe FIRST LARGEST = 8
The SECOND LARGEST = 7

--------------------------------
Process exited after 15.8 seconds with return value 0
Press any key to continue . . .
```

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: E:\da2ass.exe
- Output Size: 129.640625 KiB
- Compilation Time: 0.31s

TDM-GCC 4.9.2 64-bit Release

(globals)

manojsai sudheer.cpp

```c
 5          int i, j, n, flag = 1;
 6
 7          printf("Enter the number of elements in the array: ");
 8          printf("192210249 sudheer");
 9          scanf("%d", &n);
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          }
```

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

```
Enter the number of elements in the array: 192210249 sudheer4
Enter the elements of the array: 1
2
3
4
The array is not a palindrome array.
--------------------------------
Process exited after 16.44 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\user\Desktop\manojsai sudheer
- Output Size: 128.6220703125 KiB
- Compilation Time: 0.45s
```

TDM-GCC 4.5.2 64-bit Release

(globals)

Project Classes Debug   fhtht.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        printf("192210249-sudheer reddy");
5        int array[] = {10, 15, 90, 200, 110};
6        int n = sizeof(array)/sizeof(array[0]);
7        int max_diff = 0;
8        int min_element = array[0];
9
10       for(int i=1; i<n; i++) {
11           if(array[i] - min_element > max_diff) {
12               max_diff = array[i] - min_element;
13           }
14           if(array[i] < min_element) {
15               min_element = array[i];
16           }
17       }
18
19       printf("Maximum difference is %d\n", max_diff);
20
21       return 0;
22   }
23
```

E:\fhtht.exe

```
192210249-sudheer reddyMaximum difference is 190

----------------------------------
Process exited after 0.0199 seconds with return valu
e 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: E:\fhtht.exe
- Output Size: 127.931640625 KiB
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug   da2ass.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        printf("192210249-sudheer reddy");
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
```

E:\da2ass.exe

```
192210249-sudheer reddyLargest element in the array is: 100
--------------------------------------
Process exited after 0.01719 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: E:\da2ass.exe
- Output Size: 127.931640625 KiB
- Compilation Time: 0.28s
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug   srtsryt.cpp

```c
#include <stdio.h>

int main() {
    printf("192210249-sudheer reddy");
    public int __cdecl printf (const char * __restrict__ _Format, ...)
    int n = sizeof(arr)/sizeof(arr[0]);
    int i, j, k;


    for(i=0; i<n; i++) {
        for(j=i+1; j<n;) {
            if(arr[j] == arr[i]) {
                for(k=j; k<n; k++) {
                    arr[k] = arr[k+1];
                }
                n--;
            }
            else {
                j++;
            }
        }
    }
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: E:\srtsryt.exe
- Output Size: 128.431640625 KiB
- Compilation Time: 0.28s
```

Abort Compilation

☐ Shorten compiler paths

Console output:

```
E:\srtsryt.exe

192210249-sudheer reddyResultant Array after removing duplicates: 1 2 4 5 7
----------------------------------------
Process exited after 0.02053 seconds with return value 0
Press any key to continue . . .
```