

```
---- 4.9.2 64-bit Release
 soumil.1.cpp
      #include <stdio.h>
      #include <string.h>
                                                                      C:\Users\user\Desktop\soumil.1.exe
      #include <ctype.h>
                                                                                                                          ×
                                                                      Original string: "
                                                                                              Hello, World!
  5 - void trim(char *s) {
                                                                      192210305 soumilTrimmed string: "Hello, World!"
          int len = strlen(s);
  7
          int start = 0, end = len - 1;
  8
                                                                      Process exited after 0.06873 seconds with return value 0
  9
                                                                      Press any key to continue . . .
 10
          while (isspace(s[start])) {
 11
              start++;
 12
 13
 14
 15 🗀
          while (end >= 0 && isspace(s[end])) {
 16
              end--;
 17
 18
 19
 20
          int i;
 21
          for (i = 0; i <= end - start; i++) {
 22
              s[i] = s[i + start];
 23
s 📶 Compile Log 🤣 Debug 🗓 Find Results 🐉 Close
Compilation results ...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\soumil.l.exe
- Output Size: 128.630859375 KiB
- Compilation Time: 0.42s
```

```
c main() {
int n, i, arr[100];
int largest, second_largest, smallest, second_smallest;
printf("192210305-souwmil"):
rintf("Enter the number of elements in the array: ");
scanf("%d", &n);
 printf("Enter the elements of the array:\n");
 for(i = 0; i < n; i++) {
   scanf("%d", &arr[i]):
  largest = second largest = arr[0]:
  smallest = second smallest = arr[0]:
   for(i = 1; i < n; i++) {
     if(arr[i] > largest) {
       second_largest = largest;
       largest = arr[i]:
       else if(arr[i] > second_largest && arr[i] != largest) {
        second_largest = arr[i];
       if(arr[i] < smallest) {
         second_smallest = smallest;
         smallest = arr[i];
       } else if(arr[i] < second_smallest && arr[i] != smallest) {
```

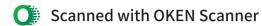
C:\Users\student\Documents\day2.2.exe

```
192210305-souwmilEnter the number of elements in the array: 4
Enter the elements of the array:
10
20
30
The largest element is: 40
The second largest element is: 30
 The smallest element is: 10
 The second smallest element is: 10
 Process exited after 10.34 seconds with return value 0
 Press any key to continue . . .
```

```
#include <stdio.h>
2 ☐ int main() {
     int n;
     double arr[100];
     printf("192210305-souwmil");
     printf("Enter the number of elements (1 to 100): ");
     scanf("%d", &n);
8 |
9 |
     for (int i = 0; i < n; ++i) {
       printf("Enter number%d: ", i + 1);
       scanf("%1f", &arr[1]);
     for (int i = 1; i < n; ++i) {
       if (arr[0] < arr[i]) {
         arr[0] = arr[i];
     printf("Largest element = %.21f", arr[0]);
     return 0:
```

C:\Users\student\Documents\2.exe

```
192210305-souwmilEnter the number of elements (1 to 100): 3
Enter number1: 15
Enter number2: 25
Enter number3: 45
Largest element = 45.00
Process exited after 5.882 seconds with return value 0
Press any key to continue . . . _
```

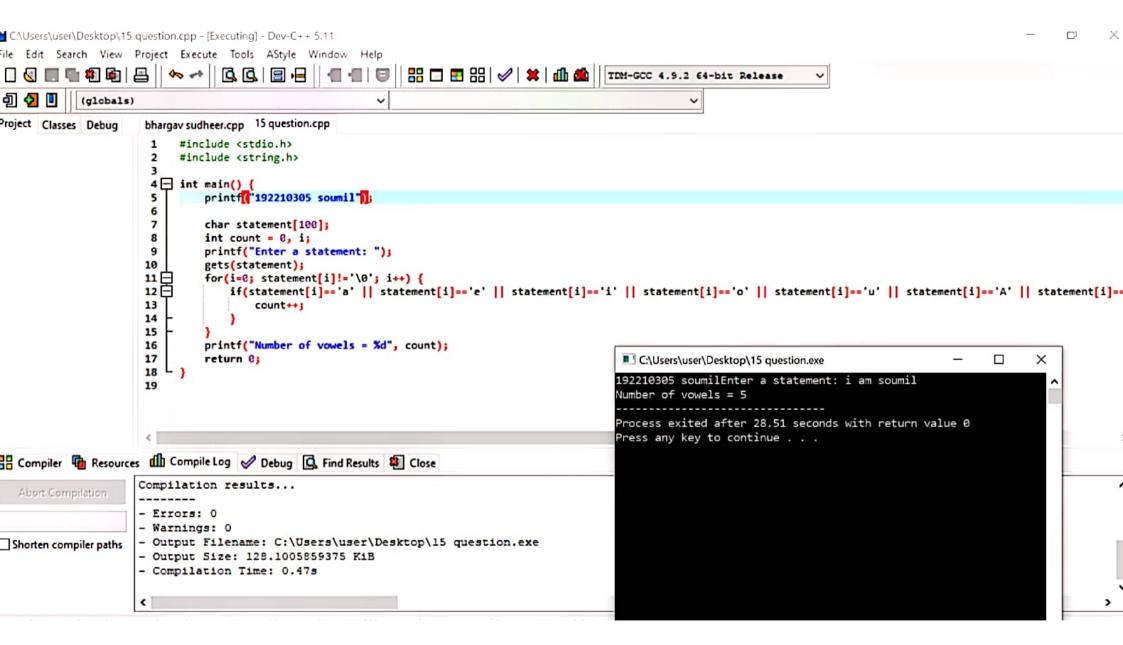


```
11.c 2.cpp [*] day2.2.cpp day2.3.cpp day2.4.cpp day2.5.cpp day2.5.cpp
                                                          C:\Users\student\Documents\day2.55.exe
   int arr[100], n, i, j, k;
   printf("192210305-souwmil");
   printf("Enter the size of the array: ");
                                                         50
   scanf("%d", &n);
   printf("Enter the elements of the array: ");
   for (i = 0; i < n; i++) {
       scanf("%d", &arr[i]);
   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++;
   printf("Array after removing duplicates: ");
   for (i = 0; i < n; i++) {
       printf("%d ", arr[i]);
```

```
192210305-souwmilEnter the size of the array: 3
Enter the elements of the array: 10
Array after removing duplicates: 10 20 50
Process exited after 3.613 seconds with return value 0
Press any key to continue . . . _
```

```
[*] day2.11.c 2.cpp [*] day2.2.cpp day2.3.cpp day2.4.cpp day2.5.cpp day2.55.cpp
                                                                       192210305-souwmilEnter size of the array : 2
                                                                       Enter elements in array : 10
     #include <stdio.h>
     #define MAX SIZE 100
                                                                       Enter the element position to delete : 2
 4
     int main()
                                                                       Elements of array after delete are : 10
 5⊟ {
                                                                        Process exited after 9.63 seconds with return value 0
 6
         int arr[MAX SIZE]:
                                                                       Press any key to continue . . . _
 7
         printf("192210305-souwmil");
 8
          public int cdecl printf (const char * restrict
                                                          Format, ...)
 9
10
         printf("Enter size of the array : ");
11
         scanf("%d", &size);
12
         printf("Enter elements in array : ");
13
         for(i=0; i<size; i++)
14
15 🖹
16
              scanf("%d", &arr[i]);
17
18
19
          printf("Enter the element position to delete : ");
20
21
          scanf("%d", &pos);
22
23
24
25
          if(pos < 0 || pos > size)
26 日
27
              printf("Invalid position! Please enter position between 1 to %d", size);
28
29
          else
30 🖃
```

```
"I dayz.ii.c c.cpp ["I dayz.z.cpp wayz.s.cpp dayz.s.cpp dayz.s.cpp
                                                                       L:\Users\student\Documents\day2.3.exe
    #include<stdio.h>
                                                                      192210305-souwmilEnter any 10 array elements: 2
2
    #include<conio.h>
    int main()
3
4 □ {
                                                                      65
49
5
        int arr[10], 1;
6
        printf("192210305-souwmil");
7
         public int __cdecl printf (const char * __restrict___Format, ...)82
8
        for(1=0; 1<10; 1++)
                                                                      25
9
            scanf("%d", &arr[i]);
                                                                      15
10
        printf("\nOdd Array elements are:\n");
                                                                      Odd Array elements are:
11
        for(i=0; i<10; i++)
                                                                      45 65 49 57 25 15
12日
13
             if(arr[i]%2!=0)
                                                                      Process exited after 11.78 seconds with return value 0
14日
                                                                      Press any key to continue . . .
15
                 printf("%d ", arr[i]);
        getch();
        return 0;
```



```
[*] assignment 2.cpp
  1
       #include <stdio.h>
  3
       int main() {
  5
           printf("192210305-soumil");
  6
          i public int __cdecl printf (const char * __restrict__ Format, ...)
  7
 8
         int search_element = 23;
 9
         int i;
10
11
         for (i = 0; i < n; i++) {
12
            if (arr[i] == search_element) {
               printf("Given element %d is found at %d th position\n", search_element, i+1)
13
14
               break:
15
16
17
18 🗄
        if (i == n) {
           printf("Given element %d is not found in the array\n", search_element);
19
0
       return 0;
```

