

```
globals)
Debug assignment21.cpp
1  #include <stdio.h>
2
3  int main() {
4      int n;
5      printf("Enter the size of the array: ");
6      scanf("%d", &n);
7
8      int arr[n];
9      printf("Enter the array elements: ");
10     for(int i = 0; i < n; i++) {
11         scanf("%d", &arr[i]);
12     }
13
14     for(int i = 0; i < n-1; i++) {
15         for(int j = i+1; j < n; j++) {
16             if(arr[i] < arr[j]) {
17                 int temp = arr[i];
18                 arr[i] = arr[j];
19                 arr[j] = temp;
20             }
21         }
22     }
23
24
25     int second_largest = arr[1];
26     int second_smallest = arr[n-2];
27     float avg = (second_largest + second_smallest) / 2.0;
28
29     int flag = 0;
30     for(int i = 0; i < n; i++) {
31         if(arr[i] == avg) {
32             flag = 1;
33         }
34     }
35
36     if(flag == 1) {
37         printf("The average is present in the array.\n");
38     } else {
39         printf("The average is not present in the array.\n");
40     }
41
42     printf("The second largest element is: %d\n", second_largest);
43     printf("The second smallest element is: %d\n", second_smallest);
44     printf("The average of these two elements is: %.2f\n", avg);
45
46     return 0;
47 }
```

Resources Compile Log Debug Find Results Close

Compilation results...

Errors: 0

Warnings: 0

```
C:\Users\nandh\OneDrive\Documents...
Enter the array elements: 123
1123
13
1232
The second largest element is: 1123
The second smallest element is: 123
The average of these two elements is: 623.00
The average is not present in the array.

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Process exited after 19.01 seconds with return value 0
Press any key to continue . . .
```