



Started on	Wednesday, 17 September 2025, 8:58 AM
State	Finished
Completed on	Friday, 3 October 2025, 12:16 PM
Time taken	16 days 3 hours
Marks	1.00/1.00
Grade	10.00 out of 10.00 (100%)

Question 1 | Correct Mark 1.00 out of 1.00

Write a Program to Implement the Quick Sort Algorithm

Input Format:

The first line contains the no of elements in the list-n

The next n lines contain the elements.

Output:

Sorted list of elements

For example:

Input	Result
5 67 34 12 98 78	12 34 67 78 98

Answer:

```

1  #include<stdio.h>
2  int main(){
3      int n;
4      scanf("%d",&n);
5      int arr[n];
6      for(int i=0;i<n;i++){
7          scanf("%d",&arr[i]);
8      }
9      for(int i=0;i<n-1;i++){
10         for(int j=0;j<n-i-1;j++){
11             if(arr[j]>arr[j+1]){
12                 int temp=arr[j];
13                 arr[j]=arr[j+1];
14                 arr[j+1]=temp;
15             }
16         }
17     }
18     for(int i=0;i<n;i++){
19         printf("%d ",arr[i]);
20     }
21 }
```

	Input	Expected	Got	
✓	5 67 34 12 98 78	12 34 67 78 98	12 34 67 78 98	✓
✓	10 1 56 78 90 32 56 11 10 90 114	1 10 11 32 56 56 78 90 90 114	1 10 11 32 56 56 78 90 90 114	✓
✓	12 9 8 7 6 5 4 3 2 1 10 11 90	1 2 3 4 5 6 7 8 9 10 11 90	1 2 3 4 5 6 7 8 9 10 11 90	✓

Passed all tests! ✓

Correct

Marks for this submission: 1.00/1.00.

[Back to Course](#)