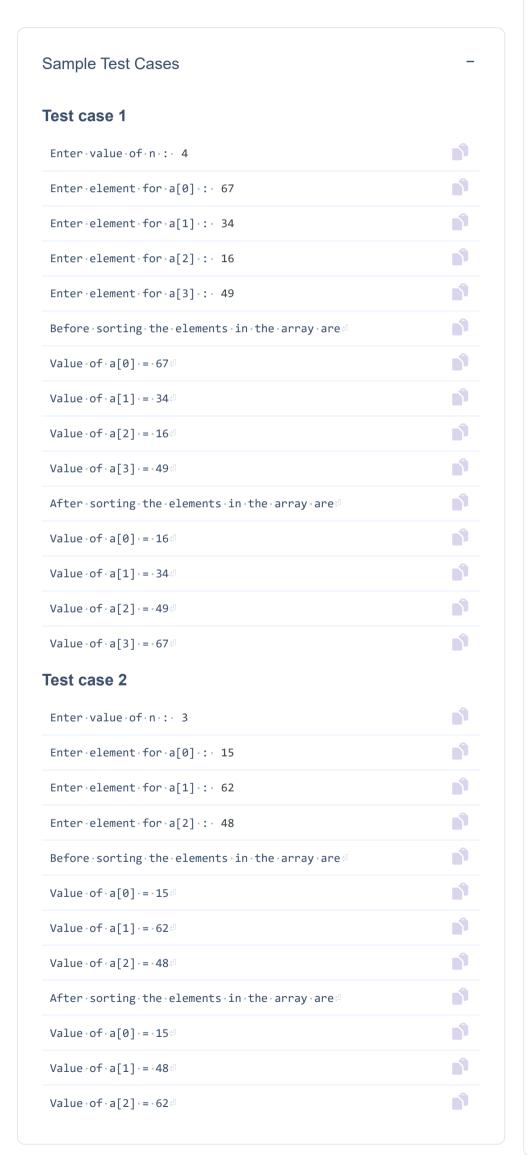
5/12/25, 8:12 PM Course

2.1.2. Write a C program to Sort the elements ... 21:15 $\ \ \ \, A \ \ \ \, C \ \ \, C$

Write a program to **sort** the given array elements using selection sort largest element method.

Fill in the missing code so that it produces the desired result.



```
Selection...
                                              Submit
                                                        Debugger
1
       #include<stdio.h>
2
     v void main() {
           int a[20], i, n, j, large, index;
3
           printf("Enter value of n : ");
4
5
           scanf("%d", &n);
 6
           // Write the code to read an array
       elements
           for(i=0; i<n; i++){</pre>
7
8
               printf("Enter element for a[%d] :
       ",i);
9
               scanf("%d", &a[i]);
10
           }
11
           printf("Before sorting the elements in
       the array are\n");
12
           // Write the code to print the given
       array elements before sorting
13
           for(i=0; i<n; i++){
               printf("Value of a[%d] = %d\n", i,
14
       a[i]);
15
16
           // Write the code for selection sort
       largest element method
17
           for(i=0; i<n-1; i++){
               int minIndex = i;
18
19
               for(j=i+1; j<n; j++){
20
                    if (a[j]<a[minIndex]){</pre>
21
                        minIndex = j;
22
                    }
23
               int temp = a[minIndex];
24
25
               a[minIndex]= a[i];
26
               a[i]=temp;
27
28
           printf("After sorting the elements in
       the array are\n");
29
           // Write the code to print the given
       array elements after sorting
30
           for(i=0; i<n; i++){
               printf("Value of a[%d] = %d\n", i,
31
       a[i]);
32
           }
33
34
       }
 > Terminal
             Test cases
```