

The image shows a screenshot of a C programming environment. On the left, the code editor displays the file `array.c` with the following content:

```
Start here X array.c X
1 #include <stdio.h>
2
3 int main() {
4     int n, i;
5
6     printf("Enter number of elements: ");
7     scanf("%d", &n);
8
9     int arr[n];
10    printf("Enter elements:\n");
11    for(i = 0; i < n; i++) {
12        scanf("%d", &arr[i]);
13    }
14
15    int largest = arr[0], secondLargest = arr[0];
16
17    for(i = 1; i < n; i++) {
18        if(arr[i] > largest) {
19            secondLargest = largest;
20            largest = arr[i];
21        } else if(arr[i] > secondLargest && arr[i] != largest)
22            secondLargest = arr[i];
23        }
24
25
26    printf("Second largest element: %d\n", secondLargest);
27    return 0;
28
29 }
```

On the right, a terminal window titled "C:\Users\BMSCECSE-L3-" shows the execution of the program:

```
Enter number of elements: 5
Enter elements:
10
2
6
19
63
Second largest element: 19
Process returned 0 (0x0)  execution time : 9.44
8 s
Press any key to continue.
```

```
2
3  int main() {
4      int n, i, pos;
5
6      printf("Enter number of elements: ");
7      scanf("%d", &n);
8
9      int arr[n];
10
11     printf("Enter elements:\n");
12     for(i = 0; i < n; i++) {
13         scanf("%d", &arr[i]);
14     }
15
16     printf("Enter position to delete (1 to %d): ", n);
17     scanf("%d", &pos);
18
19     if(pos < 1 || pos > n) {
20         printf("Invalid position!\n");
21         return 0;
22     }
23
24     for(i = pos - 1; i < n - 1; i++) {
25         arr[i] = arr[i + 1];
26     }
27
28     n--;
29
30     printf("Array after deletion:\n");
31     for(i = 0; i < n; i++) {
32         printf("%d ", arr[i]);
33     }
34
35
36 }
```

```
C:\Users\BMSCECSE-L3-35\D X + - X
Enter number of elements: 5
Enter elements:
12
0
45
6
396
Enter position to delete (1 to 5): 3
Array after deletion:
12 0 6 396
Process returned 0 (0x0) execution time : 15.149
s
Press any key to continue.
```