Start here | array.c

```c
#include <stdio.h>

int main() {
    int n, i;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    int arr[n];
    printf("Enter elements:\n");
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    int largest = arr[0], secondLargest = arr[0];

    for(i = 1; i < n; i++) {
        if(arr[i] > largest) {
            secondLargest = largest;
            largest = arr[i];
        } else if(arr[i] > secondLargest && arr[i] != largest)
            secondLargest = arr[i];
        }
    }

    printf("Second largest element: %d\n", secondLargest);
    return 0;
}
```

C:\Users\BMSCECSE-L3-

```
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.
```

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```c

int main() {
    int n, i, pos;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    int arr[n];

    printf("Enter elements:\n");
    for(i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    printf("Enter position to delete (1 to %d): ", n);
    scanf("%d", &pos);

    if(pos < 1 || pos > n) {
        printf("Invalid position!\n");
        return 0;
    }

    for(i = pos - 1; i < n - 1; i++) {
        arr[i] = arr[i + 1];
    }

    n--;

    printf("Array after deletion:\n");
    for(i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }

    return 0;
}
```

```
C:\Users\BMSCECSE-L3-35\D
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.
```