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BS INFORMATION TECHNOLOGY 2-5  
COMP 20063 DATA STRUCTURES AND ALGORITHM

Write a program in C to find the maximum and minimum element in an array. – **min max.css**

Test Data :  
Input the number of elements to be stored in the array : 3  
Input 3 elements in the array :  
element - 0 : 45  
element - 1 : 25  
element - 2 : 21  
*Expected Output :*  
Maximum element is : 45  
Minimum element is : 21

```
C:\Users\jeann\Github\second-year-schoolwork\Programming 1\min max.exe
Input the number of elements to be stored in the array : 3
Input 3 elements in the array:
element - 0 = 45
element - 1 = 25
element - 2 = 21
Maximum element is : 45
Minimum element is : 21

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Process exited after 9.69 seconds with return value 25
Press any key to continue . . .
```

Write a program in C to sort elements of array in ascending order. – **ascending sort.c**

Test Data :  
Input the size of array : 5  
Input 5 elements in the array in ascending order:  
element - 0 : 1  
element - 1 : 2  
element - 2 : 3  
element - 3 : 4  
element - 4 : 5  
Input the position where to delete: 3  
*Expected Output :*  
The new list is : 1 2 4 5

```
C:\Users\jeann\Github\second-year-schoolwork\Programming 1\ascending sort.exe
Input the number of elements to be stored in the array : 5
Input 5 elements in the array:
element - 0 = 2
element - 1 = 7
element - 2 = 4
element - 3 = 5
element - 4 = 9
Elements of array in sorted ascending order:
2    4    5    7    9
-----
Process exited after 9.398 seconds with return value 5
Press any key to continue . . .
```

Write a program in C to delete an element at desired position from an array. – **deletion.c**

Test Data :  
Input the size of array : 5  
Input 5 elements in the array :  
element - 0 : 2  
element - 1 : 7  
element - 2 : 4  
element - 3 : 5  
element - 4 : 9  
*Expected Output :*  
Elements of array in sorted ascending order:  
2 4 5 7 9

```
C:\Users\jeann\Github\second-year-schoolwork\Programming 1\deletion.exe
Input the number of elements to be stored in the array : 5
Input 5 elements in the array:
element - 0 = 1
element - 1 = 2
element - 2 = 3
element - 3 = 4
element - 4 = 5
Input the position where to delete: 3
The new list is : 1    2    4    5
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Process exited after 9.421 seconds with return value 4
Press any key to continue . . .
```