Program 1:

Write a program to find maximum and minimum numbers from an array

Input:
N = 6
A[] = {3, 2, 1, 56, 10000, 167}
Output:
min = 1, max = 10000

Program 2:

Given two arrays **a[]** and **b[]** of size **n** and **m** respectively. The task is to find intersect between these two arrays.

Input:
n=5
m=3
Enter elements in a :
1 2 3 4 5
Enter elements in b :
3 4 5

Output:
3 4 5

Program 3:

Write a program to sort array in both ascending and descending order

Program 4:
Write a program to find the duplicate and return the first index of the duplicate element

Input:
Size of array = 5
Array elements = [1,3,1,5,1]

Output:
Index = 0

Program 5:

Write a program to remove the duplicate array elements.

Input:
arraySize = 5

Enter array elements:
1 2 1 4 5

Output:
2 4 5

Program 6:

Write a program to find the missing number in the array and add that number into the array at the proper position

Input:
4 40 65 90 94

Output :
Find

Program 7 :

Write a program to interchange or swap the consecutive even column index elements from 2-d 4x4 array

Input:

1	5	9	13
2	6	10	14
3	7	11	15
4	8	12	16

Output:

9	5	1	13
10	6	2	14
11	7	3	15
12	8	4	16

Program 8 :

Write a program to reverse the 2-d array

Input:

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Output:

16	15	14	13
12	11	10	9
8	7	6	5
4	3	2	1

Program 9 :

Write a program to find the target element and return its index from the array.

Input:
Size of array : 5
Array elements : 1 4 6 2 7
Target element : 2

Output:
3

Program 10 :

Take integer elements in the array and make it a single-digit and add it by 2 and re-arrange it in the array.

Input:

[1 2 3 4]

Output:

[1 2 3 6]

Input:
[1 2 3 9]

Output:
[1 2 4 1]

Input:
[9]
Output:
[1 0]