a[0]   a[1]   a[2]   a[3]   a[4]

10	20	30	40	50

Output : Sum of all array elements : 150

2) WAP to enter the five elements in array and find out the maximum and minimum elements a[0]   a[1]   a[2]   a[3]   a[4]

5	9	11	4	6

Output like as

Maximum element in array : 11 Minimum element in array : 4

3) WAP to enter the five element and display in ascending order ?

a[0]   a[1]   a[2]   a[3]   a[4]

5	3	6	4	1

Output like as

1	3	4	5	6

4) WAP to insert the element on specified position in array ?

e.g. declare the array of size 6 and store 5 values in it and last block should be empty a[0]   a[1]   a[2]   a[3]   a[4]   a[5]

10	20	30	40	50	

Enter the index on which value want to be insert

e.g.   index = 2

Enter the value which want to store on index Value = 100

When we insert the value on index then we need to shift the values from index to next index e.g.

a[0]   a[1]   a[2]   a[3]   a[4]

10	20	100	30	40	50

5). Write a program to enter the 5 values in ascending order and store in array and find out the missing element from array?

a[0]   a[1]   a[2]   a[3]   a[4]

1	5	9	13	17

Missing elements : output should like as

2   3   4   6   7   8   10   11   12   14   15   16

6).WAP to enter the five element in array and reverse it ?

e.g.

a[0]   a[1]   a[2]   a[3]   a[4]

10	20	30	40	50

After Reverse Array should like as

a[0]   a[1]   a[2]   a[3]   a[4]

50	40	30	20	10

7) WAP to enter the 10 element array and print the occurrence of every element ?

a[0]   a[1]   a[2]   a[3]   a[4]   a[5]   a[6]   a[7]   a[8]   a[9]

10	20	30	10	20	50	30	10	30	10

Output :

Element   count

10   4
       ----
20   2
       ----
30   3
       ----
50   1

Test Data :

Input the number of elements to be stored in the first array :3 Input 3 elements in the array :

element - 0 : 1

element - 1 : 2

element - 2 : 3

Input the number of elements to be stored in the second array :3 Input 3 elements in the array :

element - 0 : 1

element - 1 : 2

element - 2 : 3

Expected Output :

The merged array in decending order is :

3 3 2 2 1 1

9) . Write a program in C to separate odd and even integers in separate arrays ? Test Data :

Input the number of elements to be stored in the array :5 Input 5 elements in the array :

element - 0 : 25

element - 1 : 47

element - 2 : 42

element - 3 : 56

element - 4 : 32

Expected Output :

The Even elements are :

42 56 32

The Odd elements are :

25 47

10). Write a program in C to delete an element at desired position from an array.

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

11). Write a program in C to find the second largest element in an array ?

Test Data :

Input the size of array : 5 Input 5 elements in the array : element - 0 : 2

element - 1 : 9

element - 2 : 1

element - 3 : 4

element - 4 : 6

Expected Output :

The Second largest element in the array is : 6