



Nabadwip Vidyasagar College Computer Science Department

C Programming {Assignment - 3}

- Write A Program (WAP) to read and display a one-dimensional array.
- WAP to insert an element in a particular index of a one-dimensional array, where element and the index are given by the user.
- WAP to delete an element from a particular index of a one-dimensional array, where index is given by the user.
- WAP to perform reverse of a one-dimensional array.
- WAP to perform merge two one-dimensional arrays into a new merged array.
- WAP to create a one-dimensional array of size 20. Input 20 repeating integers into the array from user using user-defined function. Then find the occurrence of each element in the array. For example, sample array elements:

4	5	4	9	6	5	6	9	5	9	4	5	4	9	6	5	6	9	5	1
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Sample output:

Occurrences of 4: 4

Occurrences of 5: 6

Occurrences of 9: 5

Occurrences of 6: 4

Occurrences of 1: 1

- WAP to compare two strings based on their lengths - without using string library function and with using library function.
- WAP to check whether a string is a palindrome string or not. For example, “rotator” is a palindrome string, whereas “assignment” is not a palindrome string.
- WAP to input user’s name and convert it into following abbreviated form. For example, name – Venkateswara Balan Gnanam and its abbreviated form will be – V.B.Gnanam.