**Assignment of Arrays**

**Single Dimensional Array**

1. WAP to accept an array of size 10 and print it in reverse order.
2. WAP to calculate average of 10 input values using Array.
3. Write a C++ program to swap first and last element of an integer 1-d array.
4. WAP to find largest element from an array of size 10.
5. WAP to find smallest element from an array of size 10.
6. WAP to arrange element of an Array in ascending order.
7. Program to arrange element of an Array in ascending order.
8. WAP to copy the contents of one array into another in the reverse order.

**Multi Dimensional Array**

1. WAP to accept an array of size 4 x 3 and print it in tabular form.
2. WAP to add two array A and B of size M x N.
3. Write a program to multiply array A and B of order N x L and L x M.
4. Write a menu driven C++ program to do following operation on two dimensional array A of size m x n. You should use user-defined functions which accept 2-D array A, and its size m and n as arguments. The options are:
   1. To input elements into matrix of size m x n
   2. To display elements of matrix of size m x n
   3. Sum of all elements of matrix of size m x n
   4. To display row-wise sum of matrix of size m x n
   5. To display column-wise sum of matrix of size m x n
   6. To create transpose of matrix B of size n x m