Lab. (12)
Multi-dimensional Arrays

Answer the following questions

1) Write a program to read 3 numbers of values in an array and display it in reverse order.

2) Write a program to copy the elements of one array into another array.

3) Write a program to find the sum and average of all elements of the array

4) Write a C++ program to find the min and max of all elements of the array

5) Write a program to display the number in reverse order.

   Input a number: 156749
   Expected Output: 947651

6) Write a program in C++ to sort elements of the array in descending and ascending orders.

7) Write a program for a 2D array of size 3x3 and print the matrix. Where each element of the matrix is a multiplication of its indices, array[i][j]=i*j, array[0][0]=0, array[1][1]=1, … array[3][3]=9.

8) Write a C++ program for addition of two Matrices of same size. Use a general form that can be used for any size. Check your solution using any two matrices.