
Lab. (2)

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.