

Lab 02 – Arrays

1. Arrange the elements in ASC/DESC order using Bubble sort.
2. Insert an element into a 1D array and delete an element from a 1D array.
3. Search an element in a 1D array using linear search
4. Find the addition of two matrices and display the resultant matrix.
5. Print all the prime numbers in a given 1D array.
6. Find the **trace** and **norm** of a matrix.

Trace:= Sum of diagonal elements

Norm:= Square root of the sum of squares of elements on the matrix