5CS021 – Numerical Methods and Concurrency **LAB REPORT – Week3**

1. Write a program to find both the largest and smallest elements of an array using only one traversal (both in one loop).
2. Write a program to check whether two given strings are an anagram.
3. Write a program to print all unique elements in an array. For example: a[ ] = {1,2,4,8,4,2,4,9,6} answer : 1,2,4,8,9,6.
4. Write a program to sort an array of elements in ascending order.
5. Write a program to count and find the sum of all numbers in the array which are divisible by 5 but neither by 2 nor by 3. Also, print the indices of these numbers.
6. WAP reads two 2-D arrays of user defined dimensions, adds the corresponding elements and displays the result on the screen. Include error handling for unequal dimensions. (For eg: a 2x2 array and 2x3 array cannot be added because of unequal dimensions.)