

**Institute of Engineering Science and Technology, Shibpur.  
IT Department , Session 2018 July-Dec**

**DATA STRUCTURE LABORATORY 2018**

**Assignment – 2**

**BATCH: HY**

**Date: 26.07.2018**

1. Write a program in C to find the largest and smallest element in an array.
2. Given an array of n integers, write C program for reversing the contents of the array without using another array.

For example, if the array is 10 15 3 30 3 the output should be 3 30 3 15 10. Note you may use one temporary variable.

3. Write a program in C to check whether a given string is Palindrome or not by using pointers.
4. Write a program in C to create two functions to convert binary number to decimal and vice-versa.