**Lab assignment 5:: (title: pointers and constructors)**

**Date of submission**

**Group A:: 19th March , 2018 Group B:: 20th March, 2018**

1. Wap that creates a class Number with two attributes whole number integer part and decimal part. Accept 7 Number objects from the user. Send the array of objects into a separate function using pointers where the objects are arranged. The arrangement is done such that the objects are in ascending order according to the decimal part of the object. From the main function display the order.
2. Create a class called Time that has a separate int member data for hours, minutes and seconds. One constructor should initialize this data to 0 whereas another constructor should initialize it to fixed values. Another member function should display it in 11:59:59 format. The final member function should add two object of type time passed as arguments.

One main program should create two initialized time objects and one that isn’t initialized. Then it should add two initialized values together, leaving the result in this third object. This needs to be done in member function defined outside of the class. Display the value in the main function.

Theory::

Pointers

Static data and function members

Constant data and function members

Constructors and its types( default, copy and default copy)