National University

of Computer & Emerging Sciences Peshawar Campus

COURSE: (CL217) OBJECT ORIENTED PROGRAMMING LAB

LAB TASK #2   WEIGHTAGE: 2

NOTE:

Only submit .cpp file of each question in a folder. Anyone who submits any other format file will get straight **ZERO.** Each question should have a separate .cpp file. Copy Paste or other UFM will also get **ZERO**. Use the following format for naming the folder Roll#_Name (P18-1234_NAME).

Q1. Write a function **Fun** which takes as input a reference to an array and a reference to a function (The referenced Function sums all the values in the array using pointers and returns the result to the calling function), the function further returns the sum to main function where it stores in a **result** variable pointed by **ptr** pointer.

Q2. Write a program which contains a function **isPalindrome,** the function checks a string using pointers whether it is a palindrome or not and based on the decision return Ture or False. A string/word that reads the same backwards as forward is known as palindrome. E-g MADAM , POP , BOB etc

Q3. Declare two arrays of length 5. Initialize one of them from user input. Make the second one duplicate of the first one using pointers arithmetic and assignment operator.