National University of Computer and Emerging Sciences



**Laboratory Manual**

***(Introduction to Computing)***

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| Section | A1/A2 |
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Department of Computer Science

FAST-NU, Lahore

**Lab Manual**

***(Array Programs in C++)***

**Problem 1:**

15 numbers are entered from the keyboard into an array. Write a  
program to find out how many of them are positive, how many are negative, how  
many are even and how many odd.

**Problem 2:**

Write a program to reverse the numbers of an integer array of size 20.

**Problem 3:**

Write a program which take a 10 number in array. Add the values in ODD indexes and add the values in even indexes and print them on screen.

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**Problem 4:**

Write a program in C to input values into a table sort these values in ascending  
order and print them on the screen

**Problem 5:**

Write a program that creates an int array of size 10 and print the address of all the elements in the array. Do you see any pattern?

Write a cout statement explaining the pattern.

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*(Don’t hesitate to ask for any help!)*