National University of Computer and Emerging Sciences



**Laboratory Manual**

***(Introduction to Computing)***

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| Section | A1/A2 |
| Semester | FALL-2016 |
| Date | 15th November 2016 |

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**Arrays and Functions**

**Question 1:**

Write a program that takes an array of size 10 from user and remove the duplicates numbers in it (Leave at least 1 element) and shift element accordingly. There should be no empty spaces between the elements.

Hint: you can use two arrays for that.

**Question 2:**

Write a function) that should determine the matching indexes of both arrays. Matching indexes means that first element of array1 should be equal to first element of array2 and so on. And output the

Example of two arrays with some matching elements:

Array1 Array2  
1 7  
2 9  
3 3  
5 4  
7 6  
9 8  
11 11  
13 15

Here elements on index 3 and 7 of both arrays are same.

**Main function:**

Declare and initialize two integer Arrays;

MatchingIndexes(Array1,Array2); // Call a void function which itself outputs the //matching indexes

**Problem 3:** Write a program to take two arrays of size 10 and one empty array of size 10. Now compare each element of these two arrays, and build the third array based on the biggest element of first two arrays.