

COM 101 – INTRODUCTION TO PROGRAMMING

LAB Assignment #9

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A- Examples

1- Reaching array elements using pointers

Write a C program that shows how to reach an integer array elements by using pointer arithmetic. Sample array $A = \{ 45, 67, 89 \}$ can be used for demonstration purpose.

2- Swapping two elements by using pointers

Write a C function that swaps two elements passed as pointer parameters.

3- Copying a string by using pointers

Write a C function that copies a string into another string by using pointers as function parameters.

4- Palindrome Checker

Write a C program that checks whether a string given is palindrome or not.

BONUS :

Write a C program that sorts an array by using pointers. You can implement bubble sort.