

LAB 8

Objective(s):

- To understand programming with Pointer, String and Function call by reference.
1. Write a program to find biggest among three numbers using pointer.
 2. Write a program to find the sum of all the elements of an array using pointers.
 3. Write a program to swap value of two variables using function & pointer.
 4. Write a program to read a string and check for palindrome without using string related function (a string is palindrome if its half is mirror by itself eg: abcdcba).
 5. Write a program to read a sentence and count the number of characters & words in that sentence.
 6. Write a program to read a sentence & delete all the white spaces. Replace all “.” by “:”.
 7. Write a program to copy one string to another string with and without using string handling function.
 8. Write a program to concatenate two strings.
 9. Write a program to compare two strings.
 10. Write a program to sort 5 string words stored in an array of pointers.

11. Write a program to print the following pattern:

```
UN
UNIV
UNIVER
UNIVERSI
UNIVERSITY
UNIVERSI
UNIVER
UNIV
UN
```