

Everest Engineering College

Sanepa-2, Lalitpur

Subject: Programming in C

Date of Distribution:

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Lab 7

Title: Strings

Objective:

- To be familiar with Strings

Theory:

- String definition
- String handling function in brief

Lab Exercises:(Please code yourself and show the output to the instructor)

1. WAP to sort n students name in alphabetical order.
(Write a program to read n employees names and display them in alphabetical order).
2. Write a program to check whether the given string is palindrome or not.(palindrome is a word which reads same from left to right and right to left.eg LIRIL,MADAM etc.
3. Write a program to insert a given character at a given array index of a given string. For example if the given string is “Gnesh”, given character is ‘a’, and the given array index is 1,the resulting string should be “Ganesh”.

OR

Write a program to insert a given character in the array index of string. For example if the string is ‘Nepl’,given character is ‘a’, and the given array index is 3,resulting string should be Nepal.

4. Write a program to count the number of vowels from the string entered by user.

5. WAP to print the following pattern

1P	PROGRAMMING	P
2PR	PROGRAMMIN	PR
3PRO	PROGRAMMI	PRO
4PROG	PROGRAMM	PROG
5PROGR	PROGRAM	PROGR
6PROGRAM	PROGRA	PROGRAM
7PROGRAMM	PROGR	PROGRAMM
8PROGRAMMI	PROG	PROGRAMMI
9PROGRAMMIN	PRO	PROGRAMMIN
10PROGRAMMING	PR	PROGRAMMING
	P	