

ANKARA UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT
Fall 2018-19
COM101A
LAB11-Sample

1) Write a user-defined function which gets a pointer to a character string (that is a two-dimensional array) containing the name of months. Function will return the name of month depending on its arguments. For example :

if it gets 2 it will return February.

if it gets 0 it will return Illegal month (Array index starts from 0)

if it gets 9 it will return September

Your function prototype is `char *month_name(int n)`

2) Write a program that counts the number of elements that are nonzero and stops when a zero is found. No limit check is provided, so there must be at least one zero in the array.

3) (Comparing Strings) Write a program that uses function `strcmp` to compare two strings input by the user. The program should state whether the first string is less than, equal to or greater than the second string.

4) Suppose we are given a string of the form "Last/First." We want to split this into two strings, one containing the first name and one containing the last name. We need a function to find the slash in the name. This function takes a pointer to a string (`string_ptr`) and a character to find (`find`) as its arguments. It starts with a while loop that will continue until we find the character we are looking for. Your function will return pointer to 1st occurrence of character in string or NULL for error.