

KANNUR UNIVERSITY
B.SC. COMPUTER SCIENCE COMPLEMENTARY COURSE
LAB 1 – 4C05CSC: PROGRAMMING IN C, WEB PROGRAMMING AND
PYTHON PROGRAMMING

Time : 3 Hrs

Marks : 32

[Tick one question from each part. Write and execute ticked questions]

Part I: C Programming

1. Write a C program to check whether a year is leap year or not.
2. Write a program to reverse the digits of a positive integer number
3. Write a program to count of positive, negative and zeros in entered numbers.
4. Write a program to generate n Fibonacci numbers.
5. Write a program using recursion to find the factorial of a number.
6. Write a program to sort n numbers in ascending order.
7. Write a program to check whether a string is palindrome or not.

Part II: DBMS and Web Programming

1. Create an HTML page contain the following
 - a) Heading tags.
 - b) Write a paragraph include some text in bold, italics and font color.
 - c) Text using ordered list
2. Create a simple mark list using HTML Table Tag.
3. Create a HTML page with 5 form elements
4. Create a student table with the following details (*regno*, *name*, *sex*, *city*, *programme*, *cgpa*). *regno* is the primary key.
 - a) Display all details in sorted order.
 - b) Rename the column *city* as *place*.
 - c) Display the *regno*, *name*, *programme* and *cgpa* of the top scorer in “CS”.
 - d) Delete the records of all students who failed (*cgpa* < 4.00).
 - e) Display all details of girl students who got *cgpa* between 8 and 8.99 in Mathematics.
5. Write a python program to Accept n numbers and sort the n numbers using built-in function

Mark distribution:

[Program Writing 7+7 =14, Execution & Correct Output 8+8= 16 Record =2, **Total: 32**]