

## OS Lab assignment 2

There will be a one hour discussion on C programming language. Discussion will be centred around the following:

1. Headers.
2. Compiler directives
3. C variable
4. Loops.
5. Conditions.
6. Nested loops and conditions.

Exercise:

Complete the following programs in C and upload them on LMS. You must compile the programs in Linux OS and run it via terminal (Use of windows is not permitted).

Q1. Write a program to check if a string is a palindrome.

Q2. Write a program to reverse a number.

Q3. Print a Fibonacci sequence in C.

Q4. C program to calculate the sum of N natural numbers.

Q5. Write a C program to concatenate two strings.

Q6. Write a program to find if a number is prime or not.