

BASIC PROGRAMMING

LABWORK 4

Exercise 1: Write a C program to enter a natural number n ($n > 1$), and find all the divisors of n .

Exercise 2: Write a C program to enter a natural number n ($n > 1$), and find all the prime numbers from 1 to n .

Exercise 3: Enter a integer number n and calculate the sum of a series : $1 + 1/2 + 1/3 + \dots + 1/n$

Exercise 4: Write a C program to enter a positive number and calculate product of digits of the number using modulus operator % and while loop.

Exercise 5: Write a C program to print Fibonacci series upto n , n is an interger input from the keyboard.

Exercise 6: Write a C program to find a factorial of n , n is an interger input from the keyboard.