

Structured Programming Language

LAB Assignment 2021

1. Write a C program to add, subtract, multiply and divide two user defined numbers.
2. Write a C program to determine whether the given number is Odd or Even.
3. Write a C program to determine the largest number among three user defined numbers.
4. Write a C program to calculate the Area and Circumference of a circle.
5. Write a C program to convert temperature from Fahrenheit to Celsius and vice versa.
6. Write a C program to check whether the given number is prime number or not.
7. Write a C program to calculate the factorial of an integer.
8. Write a C program to calculate whether the given year is leap year or not.
9. Write a C program to print a Fibonacci series up to "n"th term.
10. Write a C program to find the sum of the series:

$$1 + 1/2^2 + 1/3^3 + \dots + 1/n^n$$

11. Write a C program to calculate the sum of the elements of an Array.
12. Write a C program to swap two numbers using pointer.
13. Write a C program to calculate the length of a String.
14. Write a C program that reads a character from keyboard and prints it in the reverse case.
15. Write a C program to check whether the string is palindrome or not.
16. Write a C program to concatenate two strings.
17. Write a C program to find the roots of a quadratic equation.
18. Write a C program to calculate GPA of a student using switch case.
19. Write a C program to add two numbers using function.
20. Write a C program to create a Text file and perform read, write, append operation.