

PRACTICAL II: PROGRAMMING IN C++

Credits: 4

Hours: 60

Objective: To get the hands on experience on C++

1. String manipulations: string copy, string concatenation and string removal
2. Program to enter a string and find its length
3. Program to verify whether the given number is prime or not
4. Temperature conversion
5. Sorting of a person's details using class
6. Conversion of number into words
7. Factorial of a given number
8. Calculating Fibonacci series up to a given number of terms
9. Matrix addition
10. Matrix subtraction
11. Reversing a string and checking for a palindrome
12. Conversion of decimal to binary
13. Program to enter the sale value and print the agent's commission
14. Program to find the total days in the year till date
15. Program to demonstrate Function overloading
16. Program to demonstrate Operator overloading
17. Program to demonstrate inheritance (Single, Multiple).
18. Virtual functions.
19. Program to copy the content of one file to another.