C Programs List for Lab Record

1. Write a program to find the roots of quadratic equation.
2. Write a program to build a calculator using switch.
3. Write a program to find factorial from 1 to n where n is the given no.
4. Write a program to print the prime nos between 1 to n where n is the given no.
5. Write a program to print Fibonacci series of n nos using recursion
6. Write a program to maximum and minimum of given set of no.s without using arrays.
7. Write a program to find LCM & GCD of 2 given nos.
8. Write a program to accept a no. and check the no. is Palindrome or not
9. Write a program to accept a no. and check the no. is Armstrong or not
10. Write a program to convert the given decimal no. to binary no.
11. Write a program to convert the given binary no. to decimal no.
12. Write a program to find sine value using series expansion.
13. Write a program to find cosine value using series expansion.
14. Write a program to print pascal triangle of n rows.
15. Write a program to search a no. in an array using Linear search
16. Write a program to search a no. in an array using binary search.
17. Write a program to sort an array using Selection sort.
18. Write a program to sort an array using Bubble sort.
19. Write a program to sum & trace of matrix.
20. Write a program to find transpose of given matrix and print the identity matrix of order m × m.
21. Write a program to find matrix multiplication using pointers.
22. Write a program to find matrix addition and subtraction using Functions.
23. Write a program to demonstrate 5 Pre-Defined string handling functions.
24. Write a program to demonstrate 5 User Defined string handling functions.
25. Write a program to find whether the given string is palindrome or not using functions (user defined).
26. Write a program to find occurrence of the characters in a given text.(blank space, newline character, tab, special symbols, digits etc.)
27. Write a program to generate pay slips of n employees using structures.
28. Write a program to generate address labels of n persons using structures.
29. Write a program to create a file and write the data into it and print the data from the file.
30. Write a program to create a file and write the data into it and copy the contents of the file into other file in reverse.