LIST OF EXPERIMENTS

Study topic: Study the working of a Compiler.

1. Program to find sum and average of two numbers.
2. Program to find greatest of 10 numbers.
3. Program to find Simple Interest.
4. Program to print the following pattern.(triangle of stars)
5. Program to fine whether the entered number is prime.
6. Program to find sum of a 5 digit number.
7. Program to reverse a 5 digit number.
8. Program to convert decimal to binary and vice versa.
9. Program to implement switch case statement.
10. Program to generate the Fibonacci sequence.
11. Program to find exponential function.
12. Program to search a number from an array using linear search.
13. Program to search a number from an array using linear search.
14. Program to search a number from an array using binary search.
15. Program to sort an array using Bubble sort.
16. Program to sort an array using selection sort.
17. Program to sort an array using insertion sort.
18. Program to find factorial of a number using recursion.
19. Program to find the length of the string without using strlen and then pass the string to characters.
20. Program to count the number of vowels in a given string.
21. Program to check if a given string is a palindrome or not.
22. Program to string concatenation.
23. Program to string comparison.
24. Program to string reverse.
25. Program to convert a string from lower case to upper case and vice versa.
26. Program for the addition of two 3 x 3 matrices.
27. Program to multiply two 3 x 3 matrices
28. Program to swap two numbers using pointers.
29. Program to generate the employee details using structure.
30. Program to find the area and perimeter of a circle, rectangle, square and triangle using functions.
31. Program to pass and return pointer to function hence calculate average of an array.
32. Program to pass an array as pointer to a function that calculates the sum of all elements of the array.
33. Program to demonstrate the example of array of pointers.
34. Program to create a file called emp.txt and store information about a person, in terms of his name, age and salary.
35. Program which copies one file contents to another file.
36. Program to read a file and after converting all lower case to upper case letters write it to another file.
37. Program to find the size of a given file.