List of C programs for Class Test

1. Write a C program to find the greatest of 3 numbers.
2. Write a C program to find the smallest of 3 numbers.
3. Write a C program to implement a basic calculator using switch-case.
4. Write a C program to print the sum of all even numbers from 1 to n.
5. Write a C program to print all odd numbers within a given range [The lower limit and upper limit of the range must be taken as user input].
6. Write a C program to check whether a year is a Leap year or not.
7. Write a C program to print all numbers within a given range which are divisible by 5 but not by 15.
8. Write a C program to count the number of digits of a number.
9. Write a C program to display the sum of digits of a number.
10. Write a C program to display the product of digits of a number.
11. Write a C program to find the reverse of a number.
12. Write a C program to calculate the factorial of a number.
13. Write a C program to check whether a number is Armstrong number or not.
14. Write a C program to check whether a number is Krishnamurthy number or not.
15. Write a C program to check whether a number is a prime number or not.
16. Write a C program to check whether a number is a palindrome number or not.
17. Write a C program to check whether a number is a prime number or not.
18. Write a C program to find the difference between a number and its reverse.
19. Write a C program to display the sum of the series: 1-2+3- 4+. .....n.
20. Write a C program to display the sum of the series: $1^2+2^2+3^2+. ..... +n^2$
21. Write a C program to display the sum of the series: 1!+2!+3!+……..+n!
22. Write a C program to display the following pattern:

    1

    12

    123

    1234
23. Write a C program to display the following pattern:

    1

    23

    456

    78910

24. Write a C program to display the following pattern:

    4 3 2 1

    321

    21

    1

25. Write a C program to display the following pattern:

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26. Write a C program to display the following pattern:

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1
1 0
1 0 1
1 0 1 0
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