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Special Thanks to Sumon Mia Sir (Ex Lecturer, BAUET).

You can get help from internet for logic development but do not copy the code from internet.

□ First study the problems then solve the problem and finally sit for coding.

- 1. Write a c program to find the area of equilateral triangle.**
- 2. Write a c program to find the area of right angled triangle.**
- 3. Write a c program to find the area of trapezium.**
- 4. Write a c program to find the area of rhombus.**
- 5. Write a c program to find the area of parallelogram.**
- 6. Write a c program to find the volume and surface area of cube.**
- 7. Write a c program to find the volume and surface area of cuboids.**
- 8. Write a c program to find the volume and surface area of cylinder.**
- 9. Write a c program to find the surface area and volume of a cone.**
- 10. Write a c program to find the volume and surface area of sphere.**
- 11. Write a c program to check given number is perfect number or not.**
- 12. Write a c program to check given number is Armstrong number or not.**
- 13. Write a c program to check given number is prime number or not.**

- 14. Write a c program to check given number is strong number or not.**
- 15. Write a c program to print Fibonacci series of given range.**
- 16. Write a c program to get factorial of given number.**
- 17. Write a c program to reverse any number.**
- 18. Write a c program to find out sum of digit of given number.**
- 19. Write a c program to find out power of number.**
- 20. Write a c program to find largest among three numbers using conditional operator**
- 21. Program in c to print 1 to 100 without using loop**
- 22. C program for swapping of two numbers**
- 23. Split number into digits in c programming**
- 24. C program to count number of digits in a number**
- 25. Write a c program to find out L.C.M. of two numbers.**
- 26. Write a c program to find out H.C.F. of two numbers.**
- 27. Write a c program to find out G.C.D. of two numbers.**
- 28. Write a c program to convert decimal number to binary number.**
- 29. Write a c program to convert decimal number to octal number.**
- 30. Write a c program to convert octal number to binary number.**
- 31. Write a c program to convert octal number to decimal number.**
- 32. Write a c program for multiplication of two matrices.**
- 33. Write a c program which deletes the duplicate element of an array.**

- 34. Write a c program for delete an element at desired position in an array.**
- 35. Write a c program for insert an element at desired position in an array.**
- 36. Write a program in C to print individual characters of string in reverse order.**
- 37. Write a program in C to count the total number of words in a string.**
- 38. Write a program in C to find the largest and smallest word in a string.**
- 39. Write a program in C to find the square of any number using the function.**
- 40. Write a program in C to print first 50 natural numbers using recursion.**
- 41. Write a program in C to Print Fibonacci Series using recursion.**
- 42. Write a program in C to find the sum of digits of a number using recursion.**
- 43. Build a structure named “student” which include roll, name and the 4 CT’s numbers in a course and then find out the best of three average marks for each student.**
- 44. Build a structure named “student” which include roll, name, cgpa and address and then find sort the student’s information according to the cgpa.**

-The End-