Execersise of c programing

1. Write a program to display your self.
2. Write a c program to display the following output maths, physics, chemistry total and percentage.
3. Write a c program to display dollar to convert rupees.
4. C program to convert feet to inches.
5. C program to convert inch to cm.
6. Write a c program to convert Celsius to Fahrenhit (0 C * 9/5)+32=32 F).
7. Write a c program to find the find the number for less than and more than 100.
8. Write a C program for enter any number for cheak the odd or even.
9. Write a C program for enter any number for cheak the positive or negative.
10. Write a C program for enter any two number for cheak the smallest number.
11. Write a C program for enter any two number for cheak the total of more than 100 or less than 100.
12. Write a C program for print 10 to 1.
13. Write a C program for print 51 to 99.
14. Write a C program for enter the n and print 1 to n.
15. Write a C program for enter the n and print n to 1.
16. Write a C program for enter the n and print -n to n.
17. Write a C program for print odd no. up to 50.
18. Write a C program for print even no. up to 50.
19. Write a C program for print A to Z.
20. Write a C program for print A-65 to Z-90.
21. Write a C program for print A-a to Z-z.
22. Write a C program for enter the n and print 1,4,9,16,25,……….n.
23. Write a C program for enter the n and print 1,4,3,16,5,……n.
24. Write a C program for enter the n and print 1,2,4,8,16,…….n.
25. Write a C program for enter the n and print 1,4,12,32,80,…..n.
26. Write a C program for enter the n and print A,C,E,G,I,…..n.
27. Write a C program for enter the n and print 1,1,2,3,5,…….n.
28. Write a C program for enter the n and print 0.5,1,2.5,5,…..n.
29. Write a C program for enter the n and print A,c,E,g,I,……..n.
30. Draw the given pattern:

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a.1                b. 1              c. 5              d. 1
  1 2                2 2              4 4                 2 3
  1 2 3              3 3 3            3 3 3              4 5 6
  1 2 3 4            4 4 4 4          2 2 2 2            7 8 9 10
  1 2 3 4 5          5 5 5 5 5        1 1 1 1 1          11 12 13 14 15


  e.5                f. A             g. A              h. a
   5 4                A B             b  c                b  C
   5 4 3              A B C           D E F              d E f
   5 4 3 2            A B C D         g h i j            g H i J
   5 4 3 2 1          A B C D E       K L M N O          k L m N o
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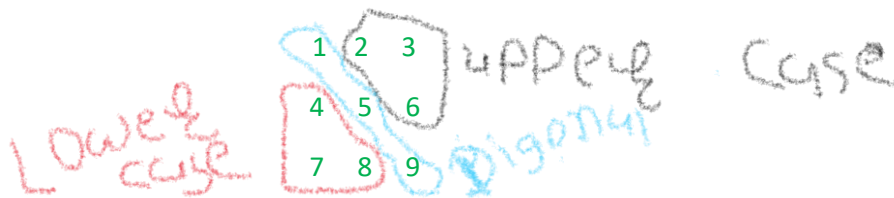
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i. A            j. 5          k. 1            l. A
   B C             4 5            0 1              B A
   D E F           3 4 5          0 1 0            C B A
   G H I J         2 3 4 5        1 0 1 0          D C B A
   K L M N O       1 2 3 4 5      1 0 1 0 1        E D C B A
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31. Write a C program for enter the array and total of element.
32. Write a C program for enter the erray and total of odd position and even position.
33. Write a C program for enter the erray and total of odd element and even element.
34. Write a C program for enter the erray and serch element position.
35. Write a C program for enter the two dimention array and total of matrix eliment.
36. Write a C program for enter the two dimention two array and total of two metrix same position.
37. Write a C program for enter two dimention erray and show the output total of matrix upper case,lower case and digonal.

     EX. :

38. Write a C program for enter the string and show the output sting length.(without usig string function)
39. Write a C program for enter the string and show the output reverce string.(without usig string function)
40. Write a C program for enter the string and copy of string in the another string.(without usig string function)
41. Write a C program for enter the two UDF and enter one UDF in the student name, number, subject mark OR enter second UDF in the total,percentage and make the student result.
42. An electricity board charges the following rates to domestic users to discourage large consumption of energy for the first 100 units 60P per unit for the next 200 units 80P per unit Beyond 300 units 90P per unit All users are charged a minimum of Rs. 50.if the total amount is more than 300.00 then an additional surcharge of 15% is added.
43. C program to cheak whether a person is eligible for voting or not?
44. Write a C program to accept the basic salary of an employee from the usear.Calculate the gross salary on the following basis:

Basic	HRA	DA
Up to 5000	8%	20%
5000 to 10000	12%	30%
10000 to 15000	15%	40%
15000 above	20%	50%

45. Compute taxes for a given income with tax slab rates as follows….
     a. Slab 1…0 – 2500 : 0%
     b. Slab 2… 2500 – 5000 : 10%
     c. Slab 3… 5000 – 10000 : 20%
     d. Slab 4… 10000+ : 30%

(foe each range of a given income, the tax rate is different)e.g. input : x = 5200 divisions are 0-2500,2500-5000,5000-5200 calculation: 0-2500 of x: 0% of 2500 = 0, 2500-5000 of x:10% of 2500 = 250, 5000-10000 of x: 20% of 200 = 40 output:290.

46. Write a C program to evaluate the total,Persentage, Grade of a student for the following constraints:
     a. If marks>75 – grade A
     b. If 60 < marks < 75 – grade B
     c. If 45 < marks < 60 -grade C
     d. If 35 < marks < 45 – grade D
     e. If marks < 35 – Fail

47. Declare two variable x and y. Assign values to these variables. Number x should be printed only if it is less than 2000 or greater than 3000, and number y should be printed only if it is between 100 and 500.