

Unit 1: Basic Programs on C Programming

01. write a c program to display "welcome to c language".
02. Write a program to multiply and divide two numbers and print them in the form of equation ($4*3=12$ $8/4=2$)?
03. write a c program to find the addition of two numbers
04. write a c program to find this subtraction of three numbers
05. write a c program to find the multiplication of four numbers
06. write a c program to find addition of 5 numbers
07. write a c program to find the area of circle
09. write the c program to find the area of triangle
10. write the c program to find area of rectangle
11. Write a program to find the square and cube of a given number?
12. Write a program to find the square root of a given number (use `sqrt ()` function)? `Math.sqrt(a)`
13. Write a program to find the area and perimeter of a square?
14. Write a program to find the area and circumference of a circle?
15. Write a program to find the area of a sphere?
16. Write a program to find the volume of a cylinder?
17. Write a program to find your age in days?
18. Write a program to read your address and print it?
19. Write a program to print the area of triangle if three sides are given?
20. Write a program to read the marks of 5 subjects and display the total, per, class
21. Write a program to find the simple interest and compound interest?
22. The total mechanical energy of a particle is given by $e = mgh + (1/2) mv^2$?
23. write a c program to accept length breadth and height of room and accept length and height of doors and window to calculate total area to be printed (including roof also)
24. write a c program to accept basic salary from user and calculate HRA, TA and DA and calculate gross salary
25. write a c program to perform swapping of two number using third variable
26. write a c program to perform swapping of two number without using third variable
27. write a c program to perform swapping of two number with by using bitwise operator
28. write a c program to perform conversion of litres to millilitres

29. write a c program to perform conversion of kilometres to metres
30. write a c program to perform conversion between H:M:S to seconds
31. write a c program to perform conversion of Millilitres to litres
32. write a c program to perform conversion of metres to kilometres
33. write a c program to perform conversion of seconds to H:M:S
34. write a c program to find remainder and quotient by accepting divisor and dividend
35. write a c program to perform reverse operation on four-digit numbers
36. write a program to find the square root given number by using sqrt() function
37. A milk vendor buys milk at the rate of 3.25/- the then adds a litre of water for every four litres of milk and sells the water milk at the rate of 4.15/lt. calculate the gain for milk vendor?
38. The temperature of the city is input through the keyboard in Fahrenheit. Write a program to convert into Celsius?
39. Given the coordinates of two points (x1,y1) and (x2,y2). Write a program to find the distance between these two points?
40. Rajesh's basic salary is input through the keyboard. His D.A. is 40% of basic salary, and H.R.A. is 20% of basic salary. Write a program to calculate his gross sal?
41. The distance between two cities in Km. is input through the keyboard. Write a program to convert and print the result in meters and centimetres?
42. Write a program which accepts the amount in dollars and convert into rupees?
43. write a c program to find kinetic energy and potential energy
44. write a c program to find arithmetic mean and harmonic mean
45. write a c program to find the surface area of cylinder
46. write a c program to find velocity and distance by using Newton's law
47. write a c program to find the area and perimeter of the ring
48. write a c program to find the volume and surface area of cuboid
49. write a c program to convert the temperature from Celsius to Kelvin unit
50. Write AC programme to accept a Number from user and display its ascii value