

## Basic Level Codes-

1. program to calculate Remainder and Quotient
2. program to recognise whether the given number is odd or even
3. program to recognise if given number is positive number or negative
4. program to calculate area of a circle
5. program to calculate area of a circle using function
6. program to find area of a right angled triangle
7. program to calculate area using Heron formula
8. program to find greatest number among two numbers program for swapping two numbers
9. program to calculate hypotenuse of right angled triangle
10. program to find if given year is leap year or not
11. program to multiply two floating point numbers
12. program to find ASCII value of character
13. program to find if a character is vowel or consonant
14. program to find if a given letter is Capital letter or not
15. program to find weather given character is an alphabet or not
16. program to convert Lower case letters to Upper case letters
17. program to find largest number among three numbers
18. program to find roots of an quadratic equation
19. program and create a simple calculator using switch
20. program to calculate sum of first n natural numbers
21. program to calculate Factorial of a number using Looping program to calculate nPr and nCr
22. program to check if given number is a prime number or not
23. program to separate the digits of a given number
24. program to count the number of digits in a number program to reverse a number
25. program to check if given number is palindrome or not
26. program to find Nth fibonacci number
27. program to calculate fibonacci series upto Nth number
28. program to find if given number is an armstrong number or not
29. program to sum all the digits of a given number
30. program to calculate average of given numbers
31. program to convert decimal to binary
32. program to convert binary to decimal
33. program to convert octal to binary
34. program to convert binary to octal
35. program to convert decimal to octal
36. program to convert octal to decimal
37. program to convert hex number to binary
38. program to binary to hex number
39. program to calculate square root of number without using math.h
40. program to calculate square root of a prime

41. program to calculate GCD of two numbers
42. program to calculate LCM of two numbers
43. program to generate multiplication table of given number
44. program to calculate power of a number
45. program to display armstrong numbers between two intervals program to display factors of a number
46. program to separate 8 element array in two different 4 element arrays
47. program to reverse elements fo an array
48. program to to separate odd and even numbers in a given array
49. program to print floyd triangle of given number
50. program to print pascal's triangle of given number
51. program to create and print a pyramid structure
52. program to create inverted pyramid structure
53. program to find the minimum and maximum numbers from given
54. program to find if the given character is present in 5 set of character
55. program to to count number of characters in a string
56. program to to spilt given string into two different strings
57. program to check if the given string is a paling-drome or not
58. program to reverse the elements from a string
59. program to copy all the elements from one string to another string program to convert all the vowels from given string to uppercase
60. program to find number of words from camelcase words
61. program to check if given string is present in another string
62. program to check if two strings are anagrams of each other
63. program to find numeric weight of lowercase string (a-> 1 ,z->26)