1. Generation of number series 1, 2, 3, 4,…..n
2. Generation of even number series 2, 4, 6, …..n
3. Generation of ODD number series 1, 3, 5, …..n
4. Generation of Fibonacci series 0, 1, 1, 2, 3, 5, 8, …..n
5. Summing up series 1 + 2 + 3 + 4….. +n
6. Summing up 12 + 22 + 32 + 42….. +n
7. Summing up 22 + 42 + 62 + 82 + ….. n2
8. Summing up 11+22+33+44+ …. nn
9. Summing up Even Number series
10. Summing up cubes of n numbers
11. Finding whether the given integer is odd or even
12. Product series (Factorial of a given number)
13. Finding given number is Armstrong or not
14. Summing up any n numbers and finding average
15. Printing digits of an integer number
16. Summing up the digits of an integer number
17. Revering the digits of an integer number
18. Finding the given integer is positive or negative
19. Swapping two numbers with a temporary variable
20. Program to convert decimal to hexadecimal
21. Program to convet Hexa to decimal
22. Program to convert decimal to octal
23. Program to convert octal to decimal
24. Swapping two numbers without a temporary variable
25. Swap 3 numbers a to b, b to c and c to a
26. Finding the biggest out of 2 integer numbers
27. Finding the biggest out of n integers
28. Sine series [sin(x) = x - x/3! + x/5! - x/7! . . . . . . ]
29. Cos series [cos(x) = 1 – x/2! + x/4! – x/6! . . . . . . ]
30. Exponential series [e-1 = 1 – x/1! + x/2! – x/3! + x4/4! . . . . . . ]
31. Linear Search