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<u>Serial No.</u>	<u>Program</u>
1	To Print the Multiplication Table of 10.
2	To Check whether a given Date is valid or not.
3	To Print First n Fibonacci Numbers using while loop.
4	To Print sum of Series $1+x2+x3+...+n$ terms.
5	To Print Sum of Series $x-(x2)/3!+(x3)/5!-(x4)/7!+(x5)/9!+...+n$ terms.
6	To Print Factorial of a Number.
7	To Print Sum of Digits.
8	To Check whether a Number is Palindrome or not.
9	To Check whether a Number is an Armstrong Number.
10	Decimal to Binary Conversion.
11	To Check whether a Number is prime or not.
12	To Print a Number Pyramid.
13	To Calculate the Sum & Average of Odd & even Natural Numbers using user defined functions.
14	Function to find the sum of prime numbers between two ranges.
15	Function to find the roots of a Quadratic Equation.
16	To Print Reverse of a String.
17	To Check if a given string is palindrome or not.
18	To Count the Number of Vowels, uppercase letters, lowercase letters and spaces in a given string.
19	To Search an element using Linear Search.
20	To Search an element using Binary Search.
21	To Sort an element using Selection Sort.
22	To Sort an element using Bubble Sort.
23	To find the smallest and largest element in a list.

24	To Merge two lists.
25	To Transpose a Matrix.
26	To Find the Sum of both Diagonals.
27	To Find the Sum of two Matrices.
28	To Print the Upper Triangle and Lower Triangle.
29	To Find the largest element in the Matrix.
30	To Find the sum of rows and columns of a Matrix.