

SL	Name of the program
01	Write a program that reads any lower case letter and displays on upper case.
02	Write a program that reads any decimal number and displays equivalent octal number.
03	Write a program that reads any date in the following format: <div> i) DD-MM-YYYY ii) DD/MM/YYYY iii) DD MM YYYY iv) DD, MM, YYY </div>
04	Write a program that reads two integers and display reminder.
05	Write a program that reads the radius of a circle and display area.
06	Write a program that reads temperature in Celsius and Display in Fahrenheit.
07	Write a program that reads two numbers and display Exclusive OR.
08	Write a program that reads two numbers and display bit-wise AND.
09	Write a program that reads any angle and displays inverse.
10	Write a program that reads any number and displays square root.
11	Write a program that reads any number (x) and displays $\log_{10}(x)$.
12	Write a program that reads mark and display in Division.
13	Write a program that reads mark and display grade.
14	Write a program that reads any years and decides whether leap year or not.
15	Write a program that reads three numbers and determines the root of quadratic equation: $ax^2 + by + c = 0$
16	Write a program that reads an integer and displays odd or even.
17	Write a program that reads three numbers and displays maximum.

18	Write a program that reads three numbers and displays minimum.
19	Write a program that reads any number and displays equivalent roman number.
20	Write a program to calculate the sum of : $1 + 3 + 5 + 7 \dots$ up to n^{th} term.
21	Write a program to calculate the sum of : $1.3 + 3.5 + 5.7 + \dots$ up to n^{th} term.
22	Write a program to calculate the sum of : $1.3.5.7 + 3.5.7.9 + 5.7.9.11 + \dots$ up to n^{th} term.
23	Write a program to calculate the sum of : $2.5.8 + 5.8.11 + \dots$ up to n^{th} term.
24	Write a program to form the pyramid : <pre> 0 1 0 1 0 1 </pre>
25	Write a program to form the pyramid : <pre> 1 0 1 0 1 1 </pre>
26	Write a program to form the pyramid : <pre> 1 1 2 1 1 2 3 2 1 </pre>
27	Write a program to form the pyramid : <pre> 1 2 2 3 3 3 </pre>
28	Write a program to form the pyramid : <pre> 1 232 34543 4567654 567898765 67891011109876 567898765 4567654 34543 232 1 </pre>

29	<p>Write a program to form the pyramid :</p> <pre> 1 2 3 2 3 4 5 4 3 4 5 6 7 6 5 4 5 6 7 8 9 8 7 6 5 6 7 8 9 0 1 0 9 8 7 6 5 6 7 8 9 8 7 6 5 4 5 6 7 6 5 4 3 4 5 4 3 2 3 2 1 </pre>
30	<p>Write a program to form the pyramid :</p> <pre> 1 1 1 1 2 1 1 3 3 1 1 4 6 4 1 1 5 10 10 5 1 1 6 15 20 15 6 1 </pre>
31	Write a program that reads a positive integer and displays its factorial.
32	Write a program that reads a positive integer and displays reverse.
33	Write a program that reads decimal number and displays equivalent binary number.
34	Write a program that reads decimal number and displays equivalent octal number.
35	Write a program that reads decimal number and displays equivalent hexadecimal number.
36	Write a program that reads two numbers and displays GCD.
37	Write a program that reads two numbers and displays LCM
38	Write a function that gets two positive integers returns n_{pr} .
39	Write a function that gets two positive integers returns n_{cr} .

40	Write a program that an integer number and display whether it is Prime or not.
41	Write a program that reads prints prime numbers from 1 to n.
42	Write a program that reads prints Fibonacci numbers up to first n term.
43	Write a program that verifies a number “n” is a Fibonacci number or not.
44	Write a program that reads and displays average.
45	Write a program that reads an array and displays maximum.
46	Write a program that insert any number in an array.
47	Write a program that delete any number from an array.
48	Write a program that search any number from an array.
49	Write a program that reads and sorts an array using bubble sort in descending order.
50	Write a program that reads and displays a matrix.
51	Write a program that reads multiplies two matrices.
52	Write a program that adds and multiplies two matrices.
53	Write a program that reads a line of text and displays in reverse order.
54	Write a program that reads two lines of text and adds second line with first line.
55	Write a program that reads a line of lower case text and displays in upper case.
56	Write a program that reads your name and displays every character with one space in reverse.
57	Write a program that reads a line of text and displays number of vowels, consonants, digits, spaces, and other characters.
58	Write a program that reads an array of string and displays alphabetic order.
59	Write a program that reads writes 1 to 10 in a file.

60	<p>Write a program that writes the following pyramid in a file:</p> <pre> 1 2 2 3 3 3 4 4 4 4 5 5 5 5 5 </pre>
61	Write a program that reads every character from a file and displays in upper case.
62	Write a program that reads every character from a file and displays in lower case.
63	Write a program that counts numbers of lower case, upper case, digits, spaces, lines and other characters.
64	Write a program that displays the frequency of every character in a file.
65	Write a program that reads all the numbers from a data.in and displays even numbers in even.out, Odd numbers in odd.out.
66	Write a program that reads all numbers in a file and writes another file in descending order.
67	Write a program that reads some students name, roll, and mark from a file and displays it on screen.
68	Write a program that reads some students name, roll, and mark from a file sort and displays it on screen according to mark.
69	Write a program that reads some student's name, three subject's marks and displays name, total average mark and GPA.
70	<p>A file contains some person's names and telephone numbers. Write a program that performs following tasks.</p> <ol style="list-style-type: none"> Reads telephone number and displays name. Reads name and displays telephone number.
71	<p>A file contains some hotel names, addresses, grades, charges, and number of rooms. Write a program that performs following tasks:</p> <ol style="list-style-type: none"> Displays all the information of the hotel from the given grade. Displays all hotels information whose charge is less than given charge.
72	Write a program that reads some players name, tem name, batting average and display team information.

73	Write a function that gets the length and width of a rectangle and returns area.
74	Write a program that gets radius of a circle and return area.
75	Write a program that gets any positive integer and returns its factorial.
76	Write a function that gets any positive integer and returns its digital root.
77	Write a function that gets two positive integer returns GCD.
78	Write a function that gets two positive integer returns LCM.
79	Write a function that gets two positive integers returns n_{cr} .
80	Write a function that gets two positive integers returns n_{pr} .
81	Write a function that sorts a string and reverses its characters.
82	Write a function that sorts a string and converts it to upper case.
83	Write a recursive function that gets any positive integer and returns factorial.
84	Write a recursive function that returns n^{th} Fibonacci number.
85	Write a program that reads and multiplies two numbers. (pointer)
86	Write a program that reads two numbers and returns reminder. (pointer)
87	Write a program that displays two floating point numbers and returns maximum (pointer)
88	Write a program that displays two double values and displays maximum (pointer)
89	Write a program that displays two strings and displays maximum. (pointer)
90	Write a program that reads any positive integer and displays its factorial (pointer).
91	Write a program that reads your name and displays every character with one space in reverse order. (pointer)
92	Write a program that reads a line of text and displays number of vowels, consonants, Digits, spaces and others. (pointer)

93	Write a program that reads a line of text and displays the frequency of every character. (pointer)
94	Write a program that reads a line of text and displays some student's name, roll, Mark. (pointer)
95	Write a program that swaps two numbers. (pointer)