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| 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:   1. DD-MM-YYYY 2. DD/MM/YYYY 3. DD MM YYYY 4. DD, MM, YYY |
| 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 log10(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 +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… up to nth term. |
| 21 | Write a program to calculate the sum of : 1.3+ 3.5 + 5.7 +…..up to nth term. |
| 22 | Write a program to calculate the sum of : 1.3.5.7 + 3.5.7.9 + 5.7.9.11 +…..up to nth  term. |
| 23 | Write a program to calculate the sum of : 2.5.8 + 5.8.11 +…..up to nth term. |
| 24 | Write a program to form the pyramid : 0 1 0  1 0  1 |
| 25 | Write a program to form the pyramid : 1 0 1  0 1  1 |
| 26 | Write a program to form the pyramid :  1  1 2 1  1 2 3 2 1 |
| 27 | Write a program to form the pyramid :  1  2 2  3 3 3 |
| 28 | Write a program to form the pyramid :  1  232  34543  4 5 6 7 6 5 4  5 6 7 8 9 8 7 6 5  6 7 8 9 10 11 10 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 |
| 29 | Write a program to form the pyramid :  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 |
| 30 | Write a program to form the pyramid :  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 |
| 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 𝑛pr. |
| 39 | Write a function that gets two positive integers returns 𝑛𝑐r. |
| 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 | Write a program that writes the following pyramid in a file:  1  2 2  3 3 3  4 4 4 4  5 5 5 5 5 |
| 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 | A file contains some person’s names and telephone numbers. Write a program that performs following tasks.   1. Reads telephone number and displays name. 2. Reads name and displays telephone number. |
| 71 | A file contains some hotel names, addresses, grades, charges, and number of rooms. Write a program that performs following tasks:   1. Displays all the information of the hotel from the given grade. 2. 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 𝑛𝑐r. |
| 80 | Write a function that gets two positive integers returns 𝑛pr. |
| 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 nth 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) |