

Simple Programs (10)

- 1 Find area of a rectangle
- 2 Find ASCII value of a character
- 3 Convert Celsius to Fahrenheit
- 4 Swap value of two variables
- 5 Check the given number is odd or even
- 6 Check whether a character is vowel or consonant
- 7 Find largest among three numbers
- 8 Leap year checking
- 9 Positive negative checking
- 10 Quadratic equation

Programs using Loops (19)

- 11 Factorial without using function
- 12 Square of N
- 13 Calculate x to the power y
- 14 Multiplication table
- 15 Sum of natural numbers
- 16 Fibonacci starting from any two numbers
- 17 Upper case to Lower case
- 18 Lower to upper
- 19 Pascal triangle
- 20 LCM & GCD
- 21 Prime numbers between two ranges
- 22 Factors of a number
- 23 Prime Factors
- 24 Bin to dec and oct
- 25 Count the number of digit in an integer
- 26 Reverse the digits of given number
- 27 Number palindrome
- 28 Digit summation
- 29 Armstrong checking

Programs using Arrays (13)

- 30 Fibonacci using array
- 31 Largest among N numbers in an array
- 32 Smallest among N numbers in an array
- 33 Reverse the array elements
- 34 Insert an element in an array
- 35 Deleting an array element
- 36 Transpose of a matrix
- 37 Duplication removal
- 38 Linear Search
- 39 Binary search
- 40 Split the sorted array
- 41 Matrix addition
- 42 Sort an array

Programs using Recursion (8)

- 43 Factorial using recursive function
- 44 Fibonacci using recursive function
- 45 Sum of N numbers using recursion

- 46 Reverse the sentence using recursion
- 47 Power using recursion
- 48 Towers of Hanoi
- 49 Exponent using recursion
- 50 GCD using recursion

Programs using Strings (14)

- 51 Program to Count Blanks, Tabs and Newlines
- 52 Palindrome checking
- 53 convert a name into its ascii values.
- 54 calculating string length without strlen function
- 55 comparing 2 strings without strcmp function
- 56 copying one string to another without using strcpy
- 57 string concatenation without using strcat function
- 58 Pattern replacement
- 59 Finding vowels
- 60 Sorting in alphabetical order
- 61 Searching sub string in a string
- 62 Find the frequency of a character in a string
- 63 Remove characters in string except alphabets
- 64 Reverse the given string

Programs using Pointers (8)

- 65 Area of circle using pointers
- 66 function pointers
- 67 duplication removal using pointers
- 68 Sorting integer array using pointers
- 69 Sum of array using pointers
- 70 Count number of words using pointers
- 71 Length of a string using pointers
- 72 Reverse the String Using Pointers

Programs using Files (11)

- 73 Write a sentence into a file
- 74 Employee file
- 75 Employee-struct
- 76 Copying the content of one file into another
- 77 Convert the file contents in Upper-case & Write Contents in a output file
- 78 Compare two text/data files in C Programming
- 79 Reading & writing in files
- 80 ODD-EVEN splitting
- 81 Copy from one text file into another
- 82 Display same source code as output
- 83 Read a string of text from a file