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**C-ProgrammIng Practice**

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1. C program to express number as a sum of two prime number.(NO)
2. C program that find area of square using function that pass value and return result.(YES)
3. C program to that check the input number is prime or not.(YES)
4. C program that check the input number is even or odd.(YES)
5. C program that is find the factorial of any input number using recursion.(YES)
6. C program that add two array and display the output.(YES)
7. C program for swapping 2 numbers without temp variable.(YES)
8. C program to find leap year of input year.(YES)
9. C program to find Armstrong number.(YES)
10. C program to find simple and compound interest
11. C program to find largest of given 3 numbers.(YES)
12. C program to find smallest of given 3 numbers.(YES)
13. C program to convert lower case into upper case and vice versa(YES)
14. C program to find sum and average of given 3 numbers(YES)
15. C program to sum up all individual digits(YES)
16. C program to reverse given number(YES)
17. C program to reverse given string(NO)
18. C program to find strong number(YES)
19. C program to find square and cube of given number(YES)
20. C program to print hello world without using semi colon(NO)
21. C program to sort given names in alphabetical order(NO)
22. C program to copy content of one file to another
23. C program to sort given numbers in ascending order(YES)
24. C program to sort given numbers in descending order(YES)
25. C program to search given number in an array
26. C program for recursive function
27. C program for calculator application
28. C program for bank application
29. C program to check given number is perfect number or not
30. C program to find array size
31. C program to find whether given character vowel or not
32. C program to check whether given number is positive or negative
33. C program to find sum of n numbers
34. C program to compare 2 numbers without if statement
35. C program to generate random numbers
36. C program to compare 2 arrays whether they are equal or not
37. C program to print number from 1 to 500 without using any loop conditions C program to insert an element into an array
38. C program to delete an element from an array C program to find hcf (gcd) and lcm
39. C program to print diamond pattern C program to print pascal triangle
40. C program to add two complex numbers
41. C program for binary search
42. C program for linear search
43. C program for matrix addition
44. C program for matrix multiplication
45. C program for bubble sort
46. C program for insertion sort
47. C program for selection sort
48. C Program to Add Two Matrix Using Multi-Dimensional Arrays
49. C Program to Multiply to Matrix Using Multi-Dimensional Arrays
50. C Program to Find Transpose of a Matrix
51. C Program to Calculate Standard Deviation
52. C Program to Multiply Two Matrices by Passing Matrix to a Function
53. C Program to Calculate Average Using Arrays
54. C Program to Find Largest Element of an Array
55. C Program to Calculate Standard Deviation
56. C Program to Add Two Matrix Using Multi-Dimensional Arrays
57. C Program to Multiply to Matrix Using Multi-Dimensional Arrays
58. C Program to Find Transpose of a Matrix
59. C Program to Multiply Two Matrices by Passing Matrix to Function
60. C Program to Sort Elements of an Array
61. C Program to Access Elements of an Array Using Pointer
62. C Program Swap Numbers in Cyclic Order Using Call by Reference
63. Display all prime numbers between two Intervals
64. Check Prime and Armstrong Number by making function
65. Check whether a number can be expressed as the sum of two prime number
66. Find sum of natural numbers using recursion
67. Calculate factorial of a number using recursion
68. Find G.C.D using recursion Reverse a sentence using recursion
69. Calculate the power of a number using recursion
70. Convert binary number to decimal and vice-versa
71. Convert octal Number to decimal and vice-versa
72. Convert binary number to octal and vice-versa
73. C Program to Find the Frequency of Characters in a String
74. C Program to Find the Number of Vowels, Consonants, Digits and White space in a String
75. C Program to Reverse a String by Passing it to Function
76. C Program to Find the Length of a String
77. C program to Concatenate Two Strings
78. C Program to Copy a String
79. C Program to Remove all Characters in a String except alphabet
80. C Program to Sort Elements in Lexicographical Order (Dictionary Order)
81. C Program to Change Decimal to Hexadecimal Number and Vice Versa
82. C Program to Convert Hexadecimal to Octal and Vice Versa
83. C Program to Convert Binary Number to Hexadecimal Vice Versa