

List of Programs

1. To write a C program to perform all the arithmetic operators (+ - * / %)
2. To write a C program to perform all the logical operators (&& || !)
3. To write a C program to perform all the bitwise operators(& | ^ >> <<)
4. To write a C program to perform all the relational operators (< > == <= >= !=)
5. To write a C program to perform all the assignment operators (= += -= *= /= %=)
6. To write a C program to perform all the increment, decrement operators (pre and post) and ternary operator
7. To write a C program to perform any 5 Math library functions.
8. To write a C program to perform any 5 string manipulations.
9. To write a C program to find if the given number is odd or even (use only IF statement)
10. To write a C program to check if a person is eligible to vote or not (use only IF ELSE statement)
11. To write a C program to check if a year is leap or not (use only IF ELSE statement)
12. To write a C program to check if a person is a child, adult or a senior citizen (use only NESTED IF statement)
13. To write a C program to check which of the 3 numbers is the largest (use only NESTED IF statement)
14. To write a C program to convert marks into grades using only IF LADDER statement.
15. To write a C program to convert marks into grades using only SWITCH statement
16. To write a C program to display 'n' factorial using FOR loop.
17. To write a C program to display pattern of increasing or decreasing * in each row starting from any given number using NESTED loop.
18. To write a C program to display the first 'n' natural numbers using while loop.
19. To write a C program to count the number of digits in the given number using DO WHILE loop.
20. To write a C program to find if the given word is a palindrome or not using 1D array.
21. To write a C program to find the largest element in the 1D array.
22. To write a C program to get the inputs for a 2D array and print the element in the mth row and nth column.
23. To write a C program to get a string and display its reverse.
24. To write a C program to check if a string is a palindrome or not using POINTERS.
25. To write a C program to check if a number is prime or not using a FUNCTION.
26. To write a C program to make an arithmetic calculator using FUNCTIONS.
27. To write a C program to swap 2 numbers using CALL BY VALUE
28. To write a C program to swap 2 numbers using CALL BY REFERENCE
29. To write a C program to find and display the sum of first 'n' natural numbers using RECURSION.
30. To write a C program to get and store the Name, Roll Number and Percentage (in decimals) of 2 students using STRUCTURE.