

## Programs for Practical Exam

1. [C Program to Check Whether a Number is Positive, Negative, or Zero](#)
2. [C Program to Check Whether Number is Even or Odd](#)
3. [C Program to Check Whether a Character is Vowel or Consonant](#)
4. [C Program to Find Largest Number Among Three Numbers](#)
5. [C Program to Calculate Sum of Natural Numbers](#)
6. [C Program to Print Alphabets From A to Z Using Loop](#)
7. [C Program to Check Leap Year](#)
8. [C Program to Find Factorial of a Number](#)
9. [C Program to Make a Simple Calculator](#)
10. [C Program to Generate Multiplication Table](#)
11. [C Program to Print Fibonacci Series](#)
12. [C Program to Find LCM of Two Numbers](#)
13. [C Program to Check Armstrong Number](#)
14. [C Program to Display Armstrong Numbers Between 1 to 1000](#)
15. [C Program to Display Armstrong Number Between Two Intervals](#)
16. [C Program to Reverse a Number](#)
17. [C Program to Check Whether a Number is a Palindrome or Not](#)
18. [C Program to Check Whether a Number is Prime or Not](#)
19. [C Program to Display Prime Numbers Between Intervals](#)
20. [C Program to Check whether the input number is a Neon Number](#)
21. [C Program to Find All Factors of a Natural Number](#)
22. [C program to Sum of Fibonacci Numbers at Even Indexes up to N Terms](#)

## Program – Functions

1. [C Program to Check Prime Number By Creating a Function](#)
2. [C Program to Display Prime Numbers Between Two Intervals Using Functions](#)
3. [C Program to Find All Roots of a Quadratic Equation](#)
4. [C Program to Check Whether a Number can be Express as Sum of Two Prime Numbers](#)

5. [C Program to Find the Sum of Natural Numbers using Recursion](#)
6. [C Program to Calculate the Factorial of a Number Using Recursion](#)
7. [C Program to Find G.C.D Using Recursion](#)
8. [C Program to Reverse a Stack using Recursion](#)
9. [C Program to Calculate Power Using Recursion](#)

## C Program – Arrays

1. [C Program to Print a 2D Array](#)
2. [C Program to Find the Largest Element in an Array](#)
3. [C Program to Find the Maximum and Minimum in an Array](#)
4. [C Program to Search an Element in an Array \(Binary search\)](#)
5. [C Program to Calculate the Average of All the Elements Present in an Array](#)
6. [C Program to Sort an Array using Bubble Sort](#)
7. [C Program to Sort an Array using Merge Sort](#)
8. [C Program to Sort an Array Using Selection Sort](#)
9. [C Program to Sort an Array Using Insertion Sort](#)
10. [C Program to Sort the Elements of an Array in Descending Order](#)
11. [C Program to Sort the Elements of an Array in Ascending Order](#)
12. [C Program to Remove Duplicate Elements From a Sorted Array](#)
13. [C Program to Merge Two Arrays](#)
14. [C Program to Remove All Occurrences of an Element in an Array](#)
15. [C Program to Find Common Array Elements](#)
16. [C Program to Copy All the Elements of One Array to Another Array](#)
17. [C Program For Array Rotation](#)
18. [C Program to Sort the 2D Array Across Rows](#)
19. [C Program to Check Whether Two Matrices Are Equal or Not](#)
20. [C Program to Find the Transpose](#)
21. [C Program to Find the Determinant of a Matrix](#)
22. [C Program to Find the Normal and Trace](#)
23. [C Program to Add Two Matrices](#)
24. [C Program to Multiply Two Matrices](#)

25. [C Program to Print Boundary Elements of a Matrix](#)
26. [C Program to Rotate Matrix Elements](#)
27. [C Program to Compute the Sum of Diagonals of a Matrix](#)
28. [C Program to Interchange Elements of First and Last in a Matrix Across Rows](#)
29. [C Program to Interchange Elements of First and Last in a Matrix Across Columns](#)