

C Program – Basic

1. C Program to Print Hello World Program
2. C Program to Print Your Name
3. C Program to Print an Integer Entered By the User
4. C Program to Add Two Numbers
5. C Program to Check Whether a Number is Prime or Not
6. C Program to Multiply two Floating-Point Numbers
7. C Program to Swap Two Numbers
8. C Program to Calculate Fahrenheit to Celsius
9. C Program to Add Two Complex Numbers
10. C Program to Print Prime Numbers From 1 to N
11. C Program to Find Simple Interest
12. C Program to Find Compound Interest
13. C Program for Area And Perimeter Of Rectangle

C Program – Control Flow

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 a 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 Find All Factors of a Natural Number

C Program – Pattern Printing

1. C Program to Print Simple Pyramid Pattern
2. C Program to Print Given Triangle
3. C Program to Print 1800 Rotation of Simple Pyramid
4. C Program to Print Inverted Pyramid
5. C Program to Print Number Pattern
6. C Program to Print Character Pattern
7. C Program to Print Continuous Character Pattern

8. C Program to Print Hollow Star Pyramid
9. C Program to Print Inverted Hollow Star Pyramid
10. C Program to Print Hollow Star Pyramid in a Diamond Shape
11. C Program to Print Full Diamond Shape Pyramid

C Program – Functions

1. C Program to Check Prime Numbers 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

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 Normal and Trace
22. C Program to Add Two Matrices
23. C Program to Multiply Two Matrices
24. C Program to Compute the Sum of Diagonals of a Matrix

C Program – Strings

1. C Program to Add or Concatenate Two Strings
2. C Program to Add 2 Binary Strings
3. C Program to Get a Non-Repeating Character From the Given String

4. C Program to check if the string is palindrome or not
5. C Program to Reverse an Array or String
6. C program to Reverse a String Using Recursion
7. C Program to Find the Length of a String
8. C Program to Sort a String
9. C Program to Check For Pangram String
10. C Program to Print the First Letter of Each Word
11. C Program to Remove Leading Zeros
12. C Program to Compare Two Strings
13. C Program to Insert a String into Another String
14. C Program to Split a String into Many Substrings