

PRACTICS QUESTION

C++ pattern/series programs

1. C++ program to print Lucas series upto N terms

C++ string programs

1. C++ program to Sort Names in an Alphabetical Order
2. Pair Case: C++ program to enter '*' between two identical characters in a string
3. C++ program to convert a string of number to integer
4. C++ program to determine the color of chess square

C++ bit magic programs

1. C++ program to find Unique Number using Bit Masking
2. C++ program to swap adjacent bits
3. C++ program to toggle Kth bit of a number
4. C++ program to find two unique numbers in an array
5. C++ program to clear Kth bit of a number
6. C++ program to isolate rightmost zero bit of a number
7. C++ program to isolate rightmost one bit of a number
8. C++ program to check if number is power of 2 using Bitwise operator

C++ recursion programs

1. Stair Case: C++ program to solve the staircase problem

C++ arrays

1. C++ program to print all the Repeated Numbers with Frequency in an Array
2. C++ program to print all the Non-repeated Numbers in an Array
3. C++ program to print the left Rotation of the array

Numerical methods

1. Representing System of Linear Equations using Matrix

Mathematical

1. [C++ program to find largest list of prime numbers](#)

C++ Library functions

1. [iswlower\(\) function in C++](#)
2. [iswupper\(\) function in C++](#)

Latest C++ programs on various topics

1. [C++ | Create a class with setter and getter methods.](#) - *March 01, 2020*
2. [C++ | Create an empty class \(a class without data members and member functions\).](#) - *March 01, 2020*
3. [C++ | Assign values to the private data members without using constructor.](#) - *February 21, 2020*
4. [C++ | Define a class method outside the class definition.](#) - *February 21, 2020*
5. [C++ | Create class methods.](#) - *February 20, 2020*
6. [C++ | Create multiple objects of a class.](#) - *February 20, 2020*
7. [C++ | Create an object of a class and access class attributes.](#) - *February 20, 2020*
8. [C++ program | Different ways to print array elements.](#) - *December 22, 2019*
9. [C++ template program with arrays.](#) - *December 22, 2019*
10. [C++ program to print all Even and Odd numbers from 1 to N.](#) - *December 22, 2019*
11. [C++ program to extract and print digits in reverse order of a number.](#) - *June 04, 2019*
12. [C++ program to find the power of a number using loop.](#) - *June 04, 2019*
13. [C++ program to determine the color of chess square.](#) - *June 03, 2019*
14. [Topological sort implementation using C++ program.](#) - *May 06, 2019*
15. [Clone a linked list with next and random pointer using C++ program.](#) - *May 06, 2019*
16. [Delete N nodes after M nodes of a linked list using C++ program.](#) - *May 06, 2019*
17. [Modify contents of Linked List using C++ program.](#) - *May 06, 2019*
18. [Convert a given binary Tree to Doubly Linked List \(DLL\).](#) - *May 06, 2019*
19. [Pair wise swap elements in a linked list using C++ program.](#) - *May 06, 2019*
20. [Reverse a Linked List in groups of given size using C++ program.](#) - *May 06, 2019*

21. Delete keys in a Linked list using C++ program. - May 06, 2019
22. Delete the middle node of a Linked List in C++. - May 04, 2019
23. Implement Stack using Linked List in C++. - May 04, 2019
24. C++ program to check if number is power of 2 using Bitwise operator. - April 27, 2019
25. C++ program to print the left Rotation of the array. - February 13, 2019
26. iswupper() function in C++. - February 01, 2019
27. iswlower() function in C++. - January 30, 2019
28. C++ program to find largest list of prime numbers. - January 28, 2019
29. Representing System of Linear Equations using Matrix. - January 28, 2019
30. Find intersection of two linked lists using C++ program. - December 28, 2018
31. C++ program to find Union of two single Linked Lists. - December 27, 2018
32. Merge sort for single linked lists. - December 26, 2018
33. Find a Node in Linked List using C++ program - December 21, 2018
34. Eliminate duplicates from Linked List using C++ program - December 19, 2018
35. Append Last N Nodes to First in the Linked List using C++ program - December 19, 2018
36. C++ program to check whether a given Binary Search Tree is balanced or not? - December 10, 2018
37. C++ program to obtain Multiplication recursively. - December 10, 2018
38. C++ program to find Last occurrence of a Number using Recursion in an array. - December 09, 2018
39. C++ program to find first occurrence of a Number Using Recursion in an array. - December 09, 2018
40. C++ program to find number of BSTs with N nodes (Catalan numbers). - December 09, 2018
41. C++ program to print all subsequences of a String. - December 07, 2018
42. C++ program to find presence of a number X in the array recursively. - December 06, 2018
43. C++ program to Convert Roman Number to Integer Number. - December 06, 2018
44. C++ program of Airline Seat Reservation Problem. - November 30, 2018
45. C++ program Input list of candidates and find winner of the Election based on received votes. - November 28, 2018
46. C++ program to find LCM of two numbers. - November 17, 2018
47. C++ program to multiply two numbers without using multiplication operator. - November 17, 2018
48. C++ program to sort a structure. - November 09, 2018
49. C++ program to find Sum of cubes of first N Even numbers. - November 09, 2018

50. Find the roots of quadratic equation in C++. - November 08, 2018
51. Sum of all the elements in an array divisible by a given number
K. - November 03, 2018
52. Create a class with public data members only in C++. - October 14, 2018
53. Access the address of an object using 'this' pointer in C++. - September 28, 2018
54. Accessing Member Function by pointer in C++. - September 28, 2018
55. Set values of data members using default, parameterized and copy constructor in C++. - September 27, 2018
56. Passing an object to a Non-Member function in C++. - September 22, 2018
57. Create a class Point having X and Y Axis with getter and setter functions in C++. - September 22, 2018
58. Dynamic Initialization of Objects in C++. - September 20, 2018
59. Demonstrate Example of public data members in C++. - September 20, 2018
60. Const Member Functions in C++. - September 20, 2018
61. Structure with private members in C++. - September 19, 2018
62. Local Class with Example in C++. - September 19, 2018
63. Example of private member function in C++. - September 19, 2018
64. Create an object of a class inside another class declaration in C++. - September 15, 2018
65. Count the created objects using static member function in C++. - September 14, 2018
66. Find next and previous power of two of a given number in C++. - June 24, 2018
67. Find total Number of bits required to represent a number in binary in C++. - June 24, 2018
68. Change case of a character using bit manipulation in C++. - June 24, 2018
69. C++ program to print all possible subset of a set. - June 21, 2018
70. C++ program to generate random password. - June 21, 2018
71. new and delete operators in C++ with printing values through constructor and destructor. - May 22, 2018
72. C++ program to declare an integer variable dynamically and print its memory address. - May 04, 2018
73. C++ program to print the size of different types of pointers along with values and addresses. - May 04, 2018
74. C++ program to declare, read and print dynamic integer array. - May 03, 2018
75. C++ program to find and print first uppercase character of a string. - March 13, 2018
76. Print character through ASCII value using cout in C++. - March 05, 2018

77. How to check if a number is power of 2 or not in C++ (different methods)? - February 27, 2018
78. Jump Search Implementation using C++. - February 08, 2018
79. Implementation of Round Robin CPU Scheduling algorithm using C++. - February 06, 2018
80. Implementation of Priority scheduling (Non Pre-emptive) algorithm using C++. - January 29, 2018
81. Implementation of Priority scheduling (Pre-emptive) algorithm using C++. - January 29, 2018
82. Implementation of Shortest Job First (SJF) Preemptive CPU scheduling algorithm using C++. - January 29, 2018
83. Implementation of Shortest Job First (SJF) Non-Preemptive CPU scheduling algorithm using C++. - January 26, 2018
84. Implementations of FCFS scheduling algorithm using C++. - January 25, 2018
85. C++ program to Find Nth element of the X-OR sequence. - January 23, 2018
86. C++ program to implement vectors using STL. - January 23, 2018
87. C++ program to find the integers which come odd number of times in an array. - January 21, 2018
88. Stack program using C++ Standard Template Library (STL). - January 15, 2018
89. Binary Search in C++ using Standard Template Library (STL) function `binary_search()`. - January 04, 2018
90. Sort an array in descending order using `sort()` function in C++ STL. - January 03, 2018
91. Sort an array in ascending order using `sort()` function in C++ STL. - January 03, 2018
92. Check if n is divisible by power of 2 without using arithmetic operators. - December 26, 2017
93. Count set bits in a range. - December 26, 2017
94. Length of longest increasing circular subarray. - December 24, 2017
95. Print the characters in sorted order using hash table. - December 23, 2017
96. Find the largest number less than N whose each digit is prime number. - December 20, 2017
97. Find the maximum AND value of a pair in an array of N integers. - December 20, 2017
98. Given SUM and XOR of two numbers, find the numbers. - December 16, 2017
99. Check if a given array is pair wise sorted or not. - December 16, 2017
100. Given a very large number check if is divisible by 3 or not. - December 15, 2017

101. Find out the element which occurs once in the array. - *December 15, 2017*
102. Divide a circular region into two parts with minimal difference of angle. - *December 13, 2017*
103. Print Reverse Triangle Bridge Pattern for Characters in C++. - *November 29, 2017*
104. C++ program to print the maximum possible time using six of nine given single digits. -