

Q1. Write a C Program using a user-defined function swap() which accepts two integers as the input and swap their values.

Q2. Write a C Program using a user-defined function that accepts two integers as the input and prints all the prime numbers between these two.

Q3. Write a C Program using a user-defined function to check whether a number can be expressed as the sum of two prime numbers.

Q4. Write a C Program using a user-defined function to check whether the input number is palindrome or not.

# Call by reference Practice questions

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Write a C program for the following queries using call by reference method.

1. Find the square of a number
2. Check the given number is odd or even
3. To find the sum of the series  $1!/1+2!/2+3!/3+4!/4+5!/5$
4. To convert decimal number to binary number
5. To get the largest element of an array
6. To check whether the number is armstrong and perfect number
7. To print all perfect numbers in given range
8. To check whether two given strings are an anagram
9. To find out maximum and minimum of some values using function which will return an array
10. To find sum of numbers from 1 to n using recursion
11. Fibonacci series using recursion
12. Print array elements using recursion
13. Count the number of digits of the number using recursion
14. To print even or odd numbers in given range using recursion
15. Palindrome or not using recursion
16. To display all array elements using recursion.
17. To find sum of elements of array using recursion.
18. To find maximum and minimum elements in array using recursion.