

1. Write a program to print the sum of all odd integers between 1 to 50
2. Write a program to find the sum of first 50 natural numbers
3. Write a program in C to compare two strings without using string library functions.
4. Write a program in C to count the total number of alphabets, digits and special characters in a string.
5. Write a program in C to get the largest element of an array using the function.
6. Write a program in C to print the Fibonacci Series using recursion.
7. Write a program in C to find the GCD of two numbers using recursion
8. Write a program in C to count the total number of duplicate elements in an array.

Test Data :

Input the number of elements to be stored in the array :3

Input 3 elements in the array :

element - 0 : 5

element - 1 : 1

element - 2 : 1

Expected Output :

Total number of duplicate elements found in the array is : 1

9. Write a program in C to find the maximum and minimum elements in an array.
10. Write a program in C to find the sum of the right diagonals of a matrix.
11. Write a program in C to accept two matrices and check whether they are equal.
12. Write a program in C to check whether a given matrix is an identity matrix.
 - i. The matrix is:


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1 0 0
0 1 0
0 0 1
          
```

 the matrix is an identity matrix.
13. C Program to Add Two Distances (in inch-feet system) using Structures
14. C Program to Find Simple Interest
15. C program to calculate difference between two time periods.

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Enter the start time.
Enter hours, minutes and seconds: 13
34
55
Enter the stop time.
Enter hours, minutes and seconds: 8
12
15

Time Difference: 13:34:55 - 8:12:15 = 5:22:40
  
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