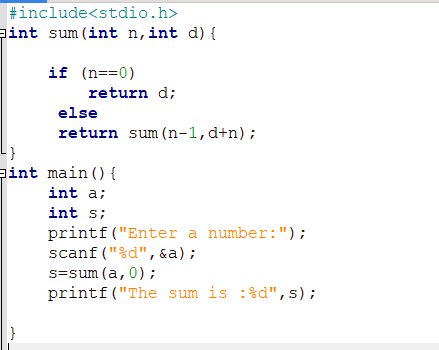
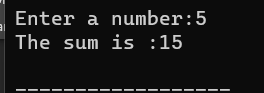
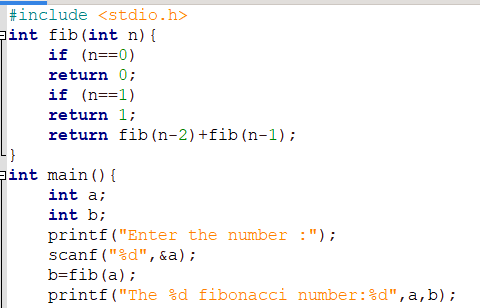
1. Write a recursive function that computes the sum of numbers from 1 to n



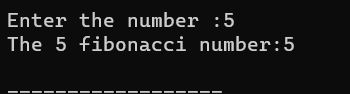
OUTPUT:

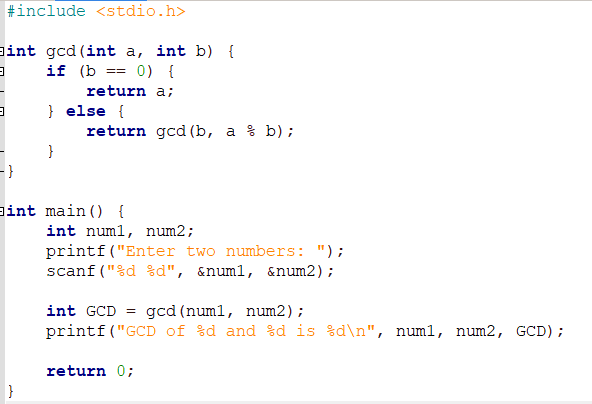


1. Write a recursive function in C to find the nth Fibonacci number.

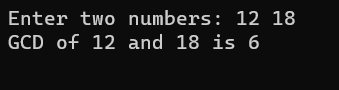


OUTPUT:



1. Write a recursive function to find the GCD of two given numbers. 

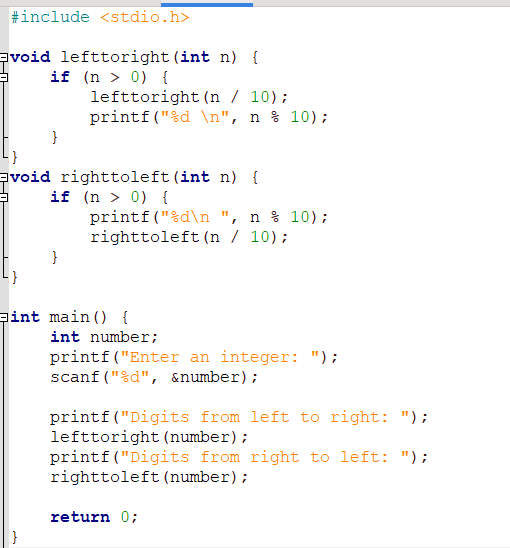
OUTPUT:



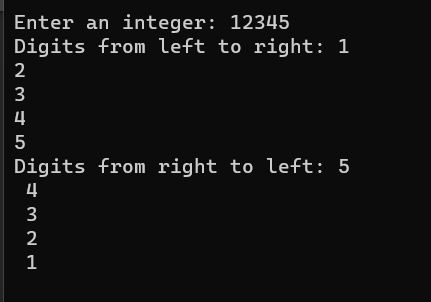
4. Write a recursive function (for each) to print the digits in an integer

a. From left to right

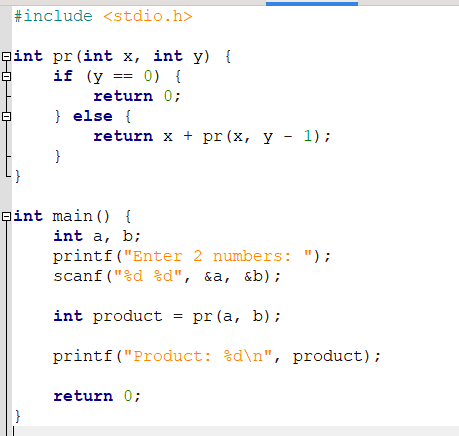
b. From right to left



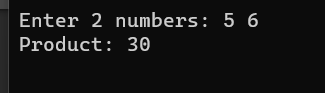
OUTPUT:



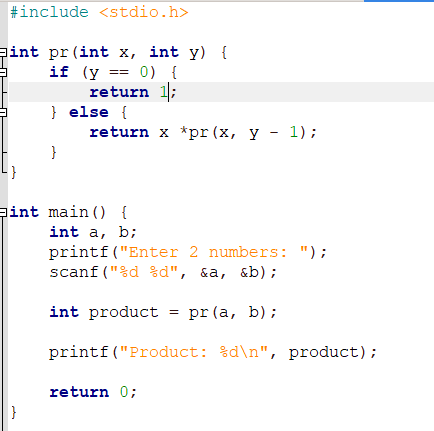
5.Write a C Program to find the product of two numbers using a recursive function.



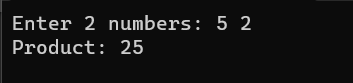
OUTPUT:



6. Write a C Program to find the value of nx using a recursive function, where n and x are integers.

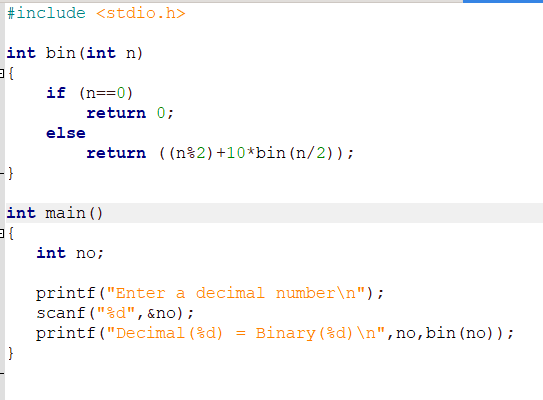


OUTPUT:

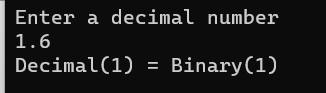


7. Write a C Program to convert a decimal number to its binary equivalent using a

recursive function.

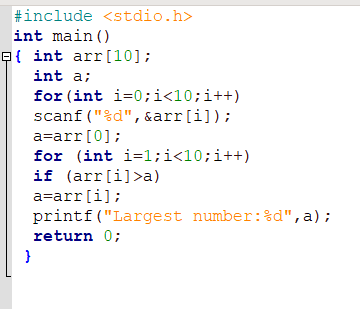


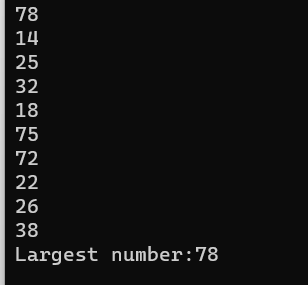
OUTPUT:



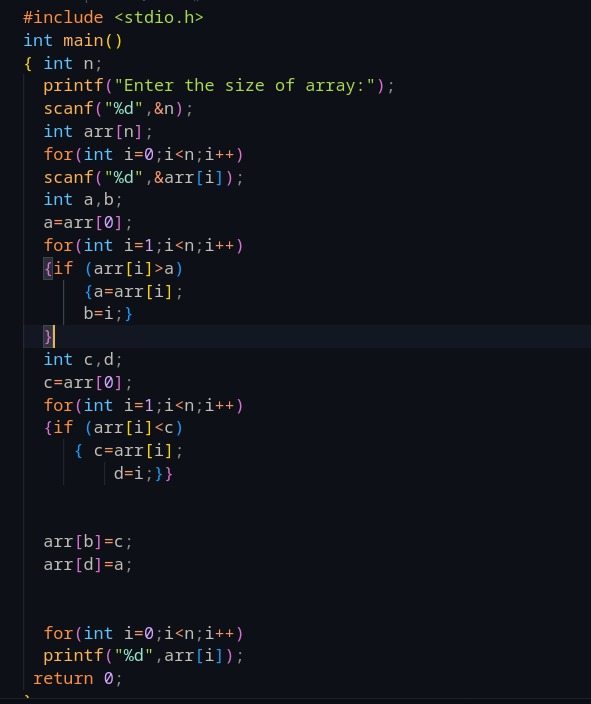
8. Write a C program that reads 10 integers from the user and stores them in an array.

Find the largest value in the array and print it.

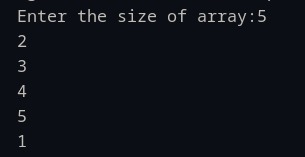




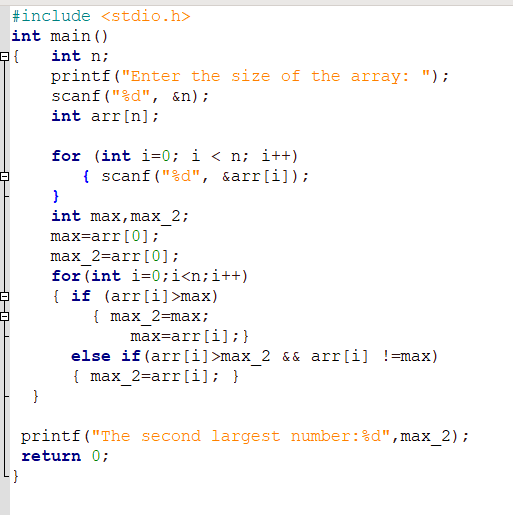
9. Write a C program to interchange the largest and the smallest number in the array.



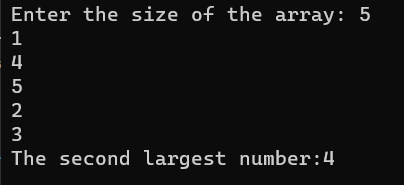
OUTPUT:



10.Write a C program to find the second biggest number from an array of n numbers.

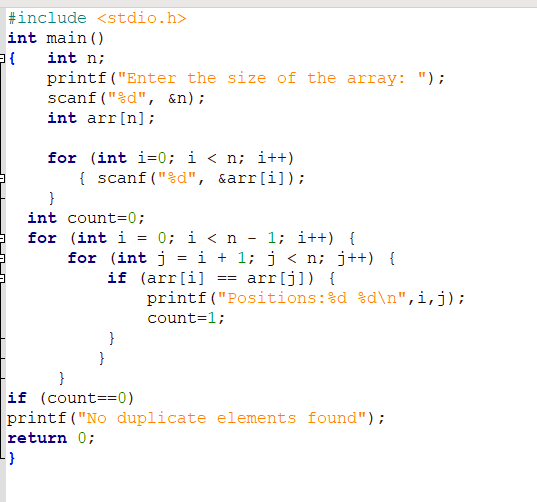


OUTPUT:

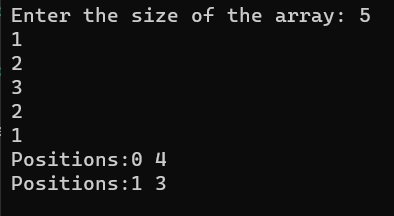


11.Write a C program to find whether the array of integers contains a duplicate

number. If it’s there, print the position of duplicate numbers.

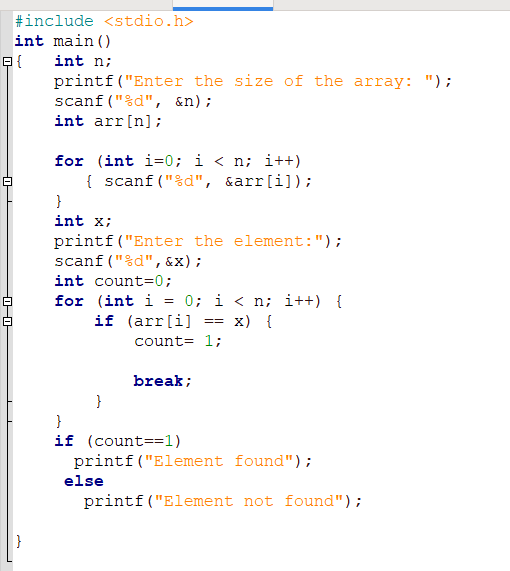


OUTPUT:



12.Write a program to find out whether a particular element is in the integer array

using Linear search.



OUTPUT:  
