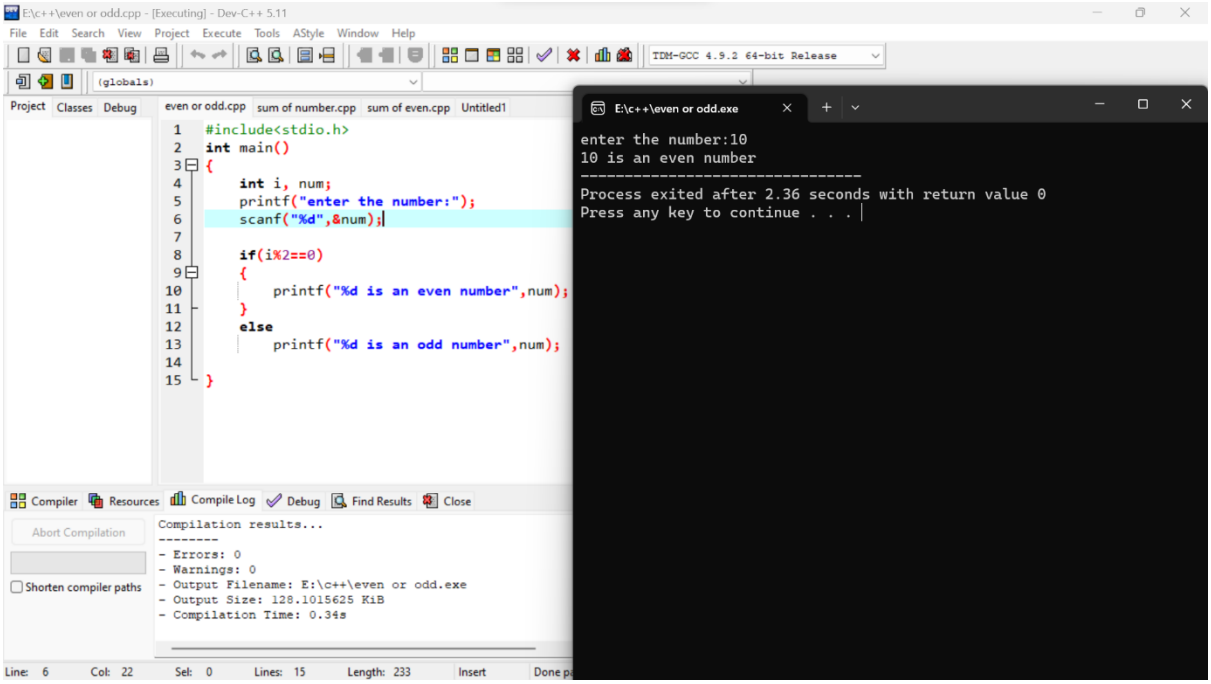
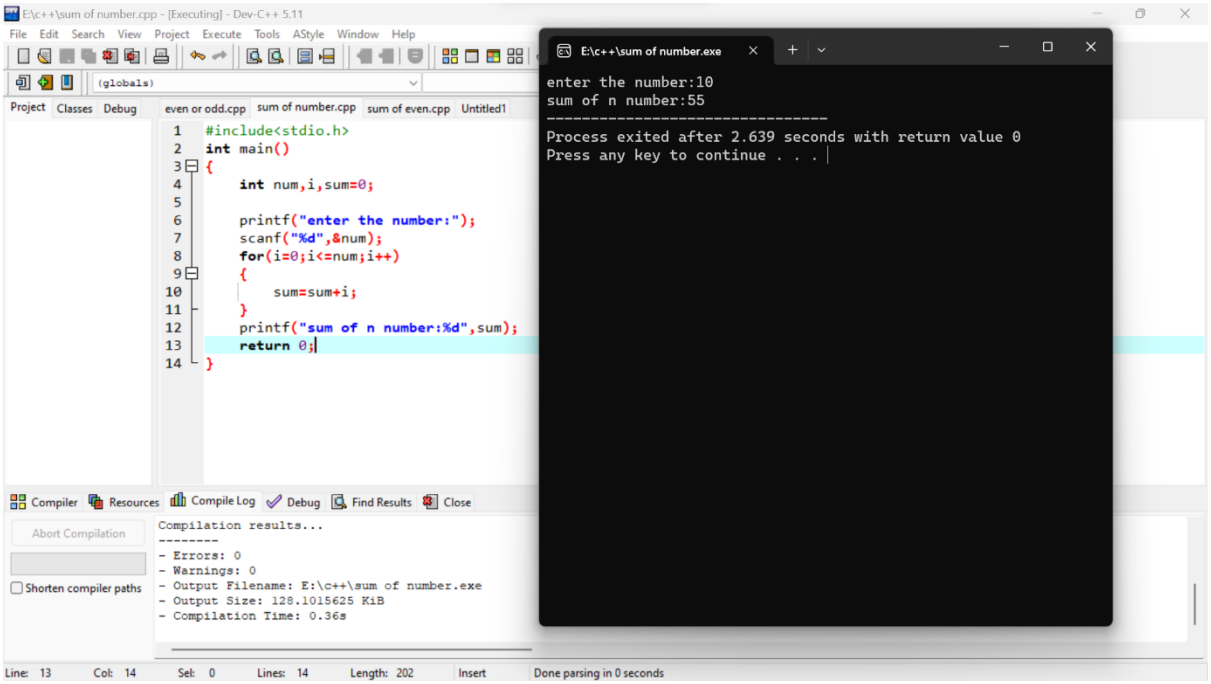
DAY – 1

DATA STRUCTURES – BASIC C PROGRAMMING - 1

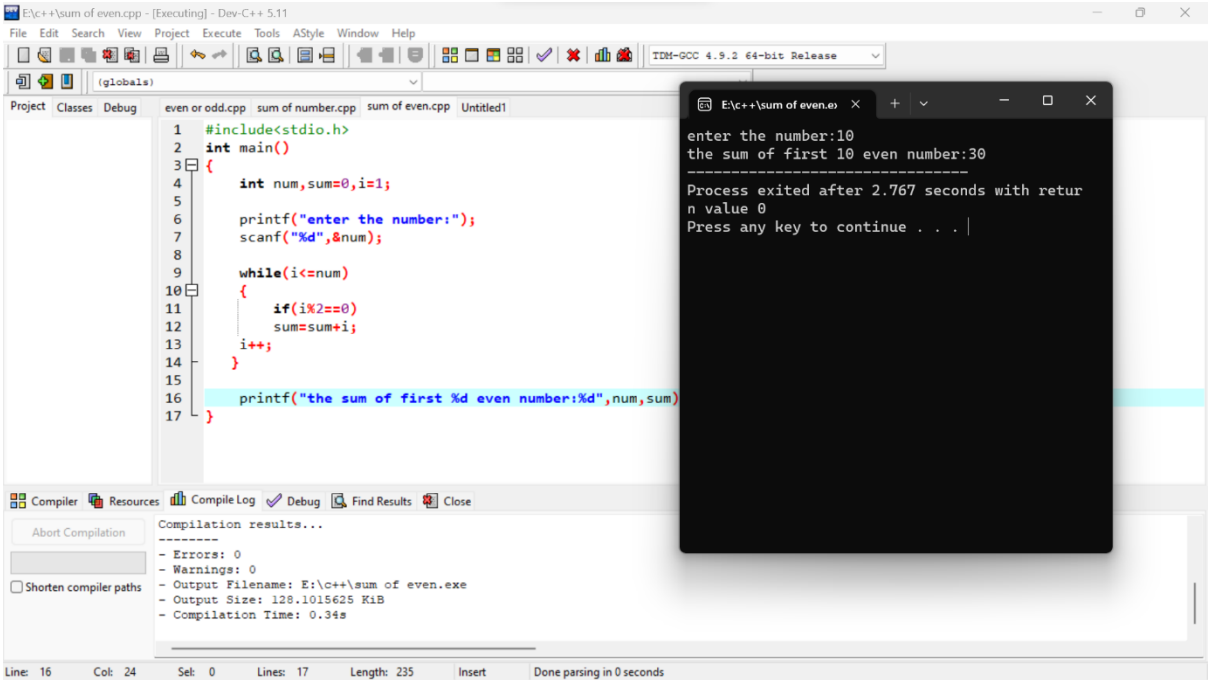
1. Write a c program to check the given numbers is even or odd.



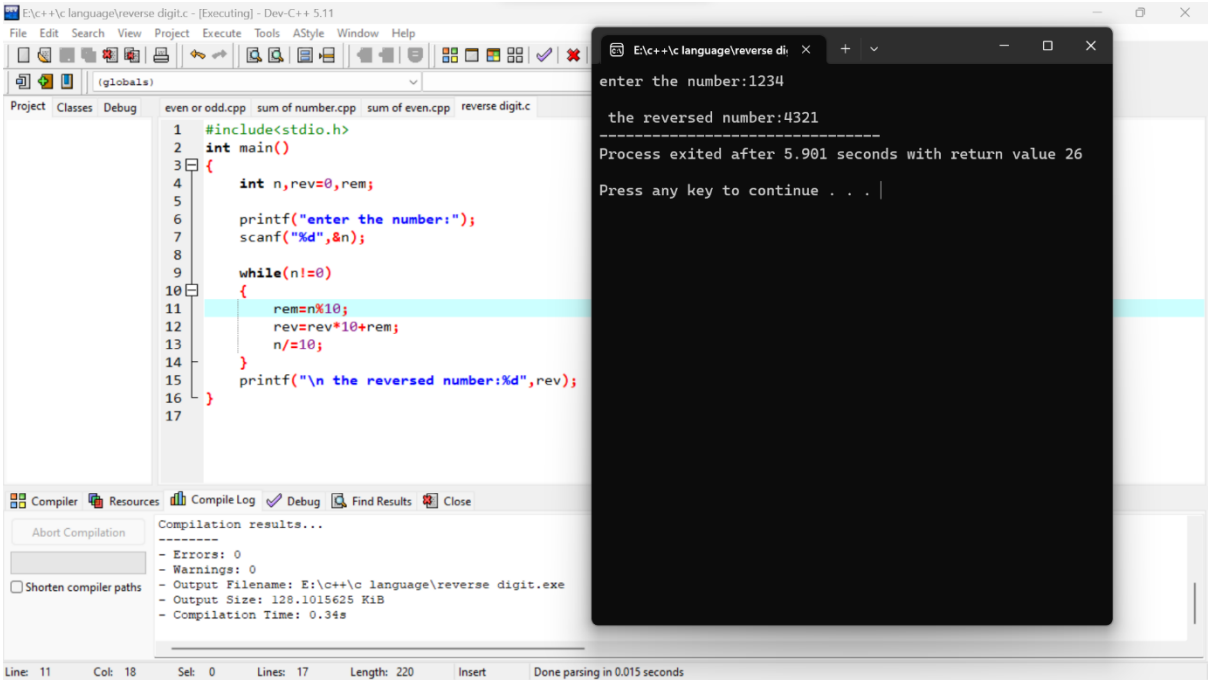
2. Write a c program to find the sum of first n numbers using for loop.



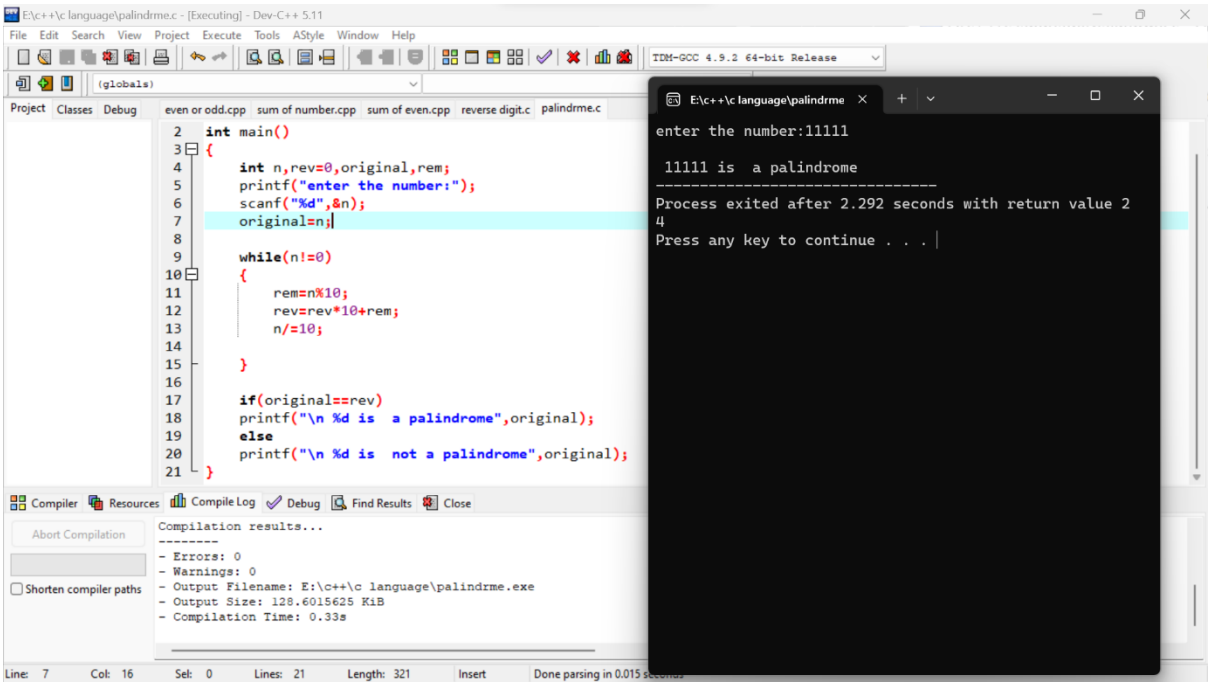
3. Write a c program to find sum of even numbers using while loop.



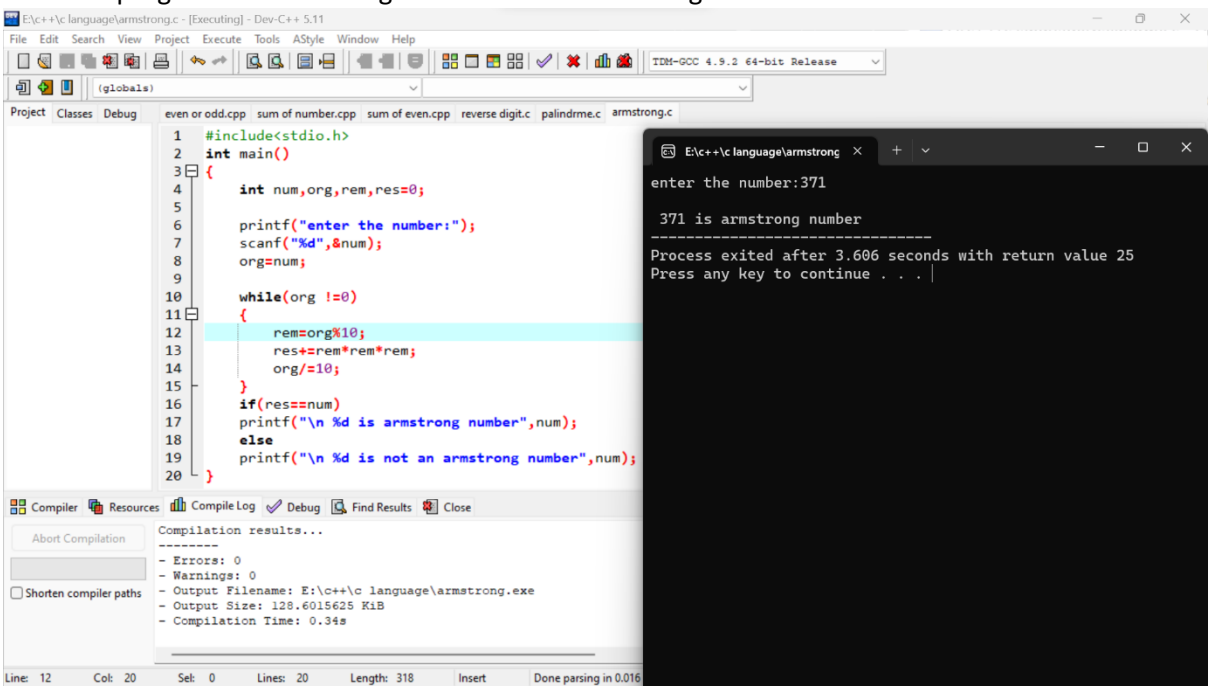
4. Write a c program to reverse a given number.



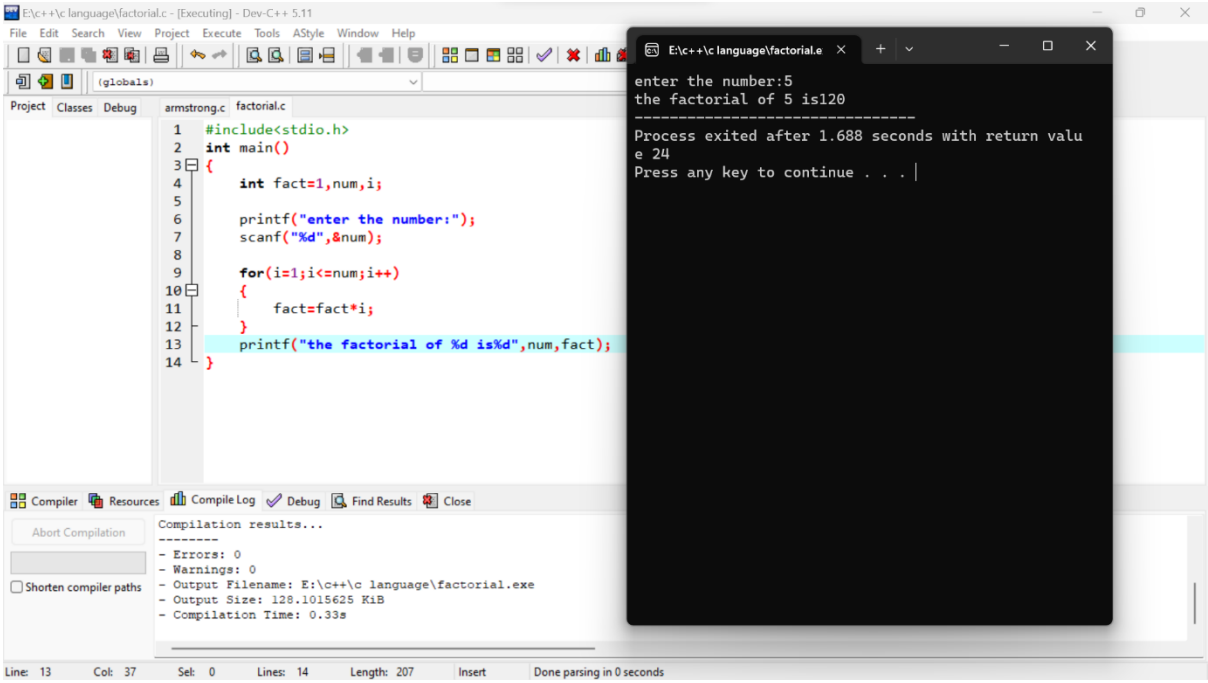
5. Write a c program to check the given numbers is palindrome or not.



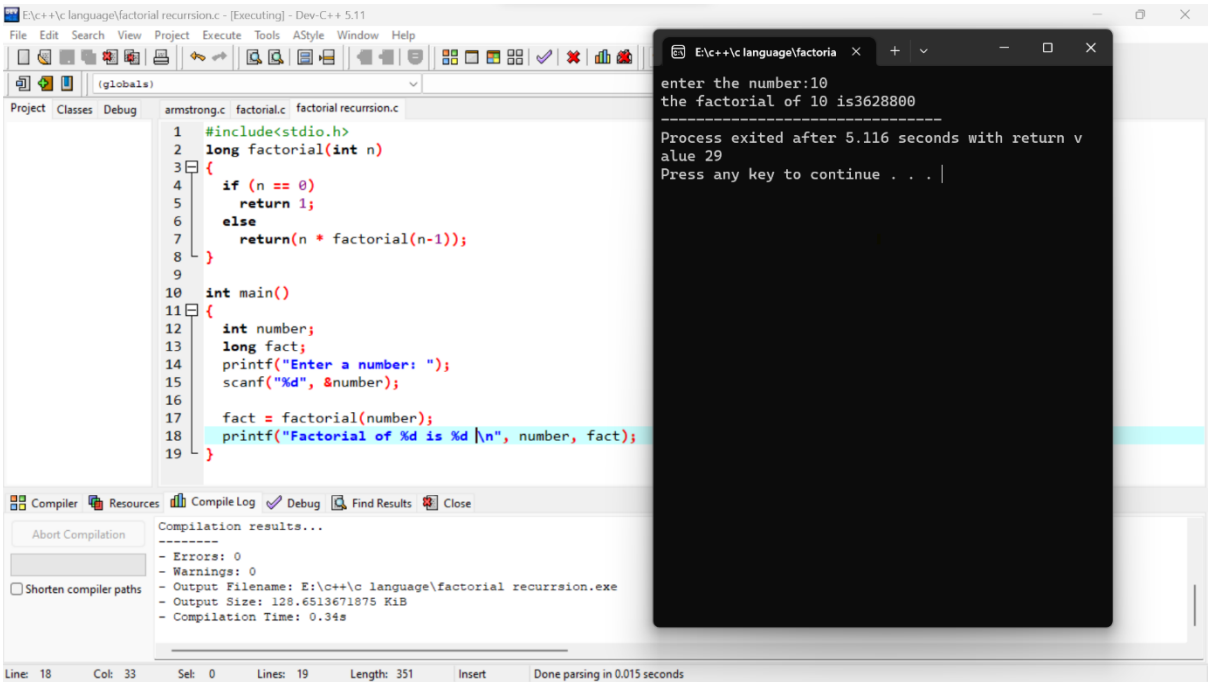
6. Write a c program to check the given number is Armstrong or not.



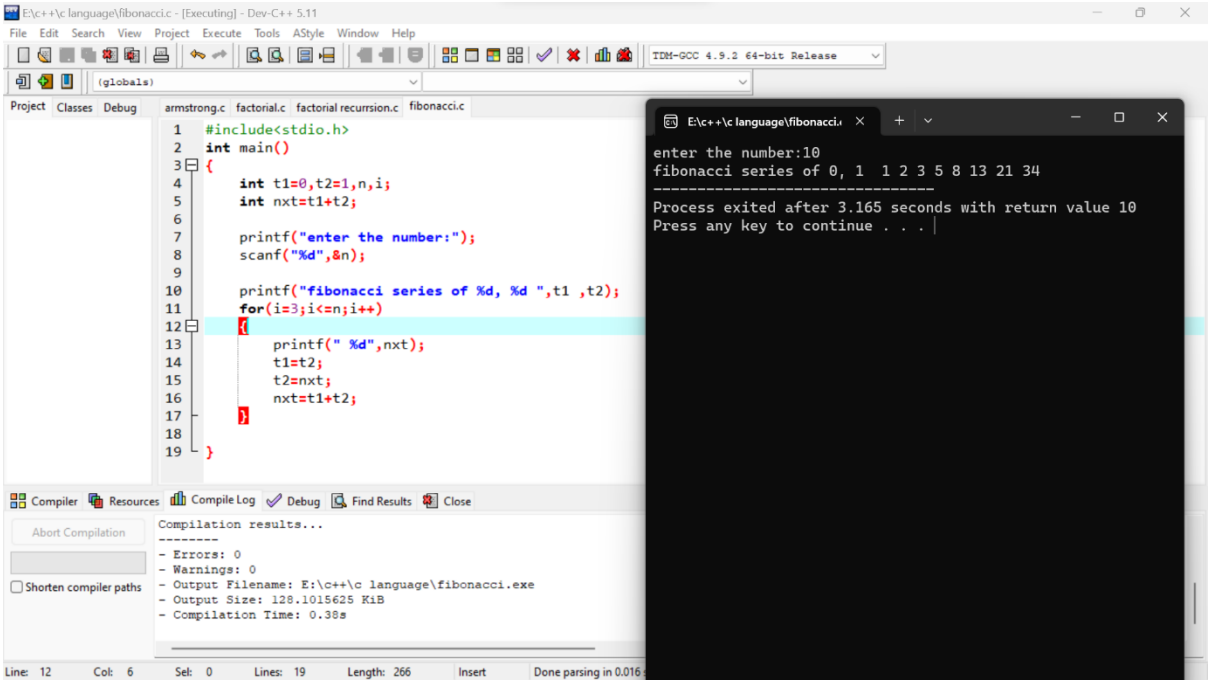
7. Write a c program to find factorial of given number without recursion.



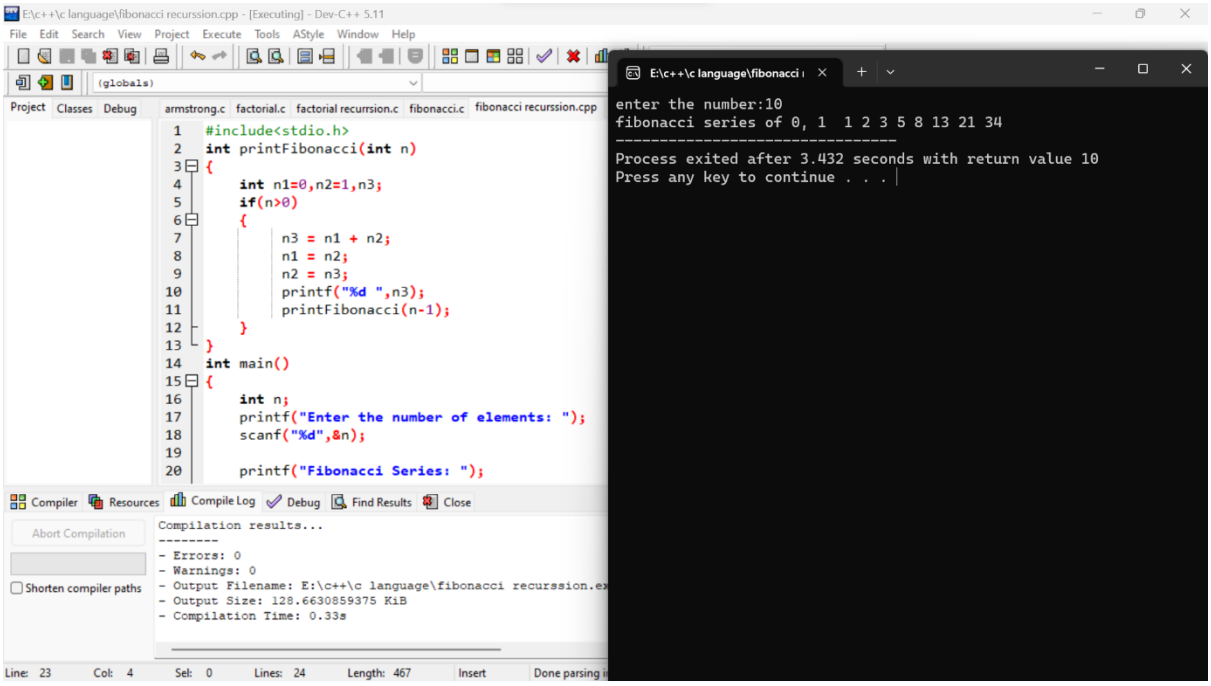
8. Write a c program to find factorial of given number with recursion.



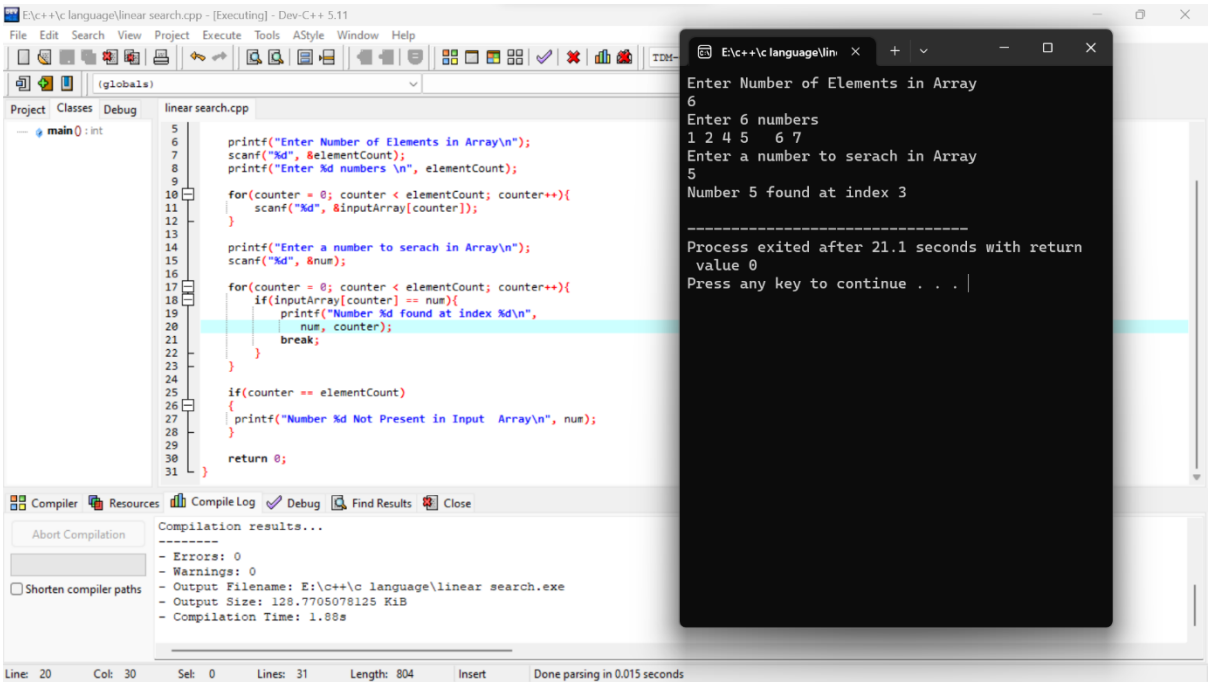
9. Write a c program to generate Fibonacci series without recursion.



10. Write a c program to generate Fibonacci series with recursion.



11. Write a c program to search element in an array using linear search.



12. Write a c program to search element in an array using binary search.