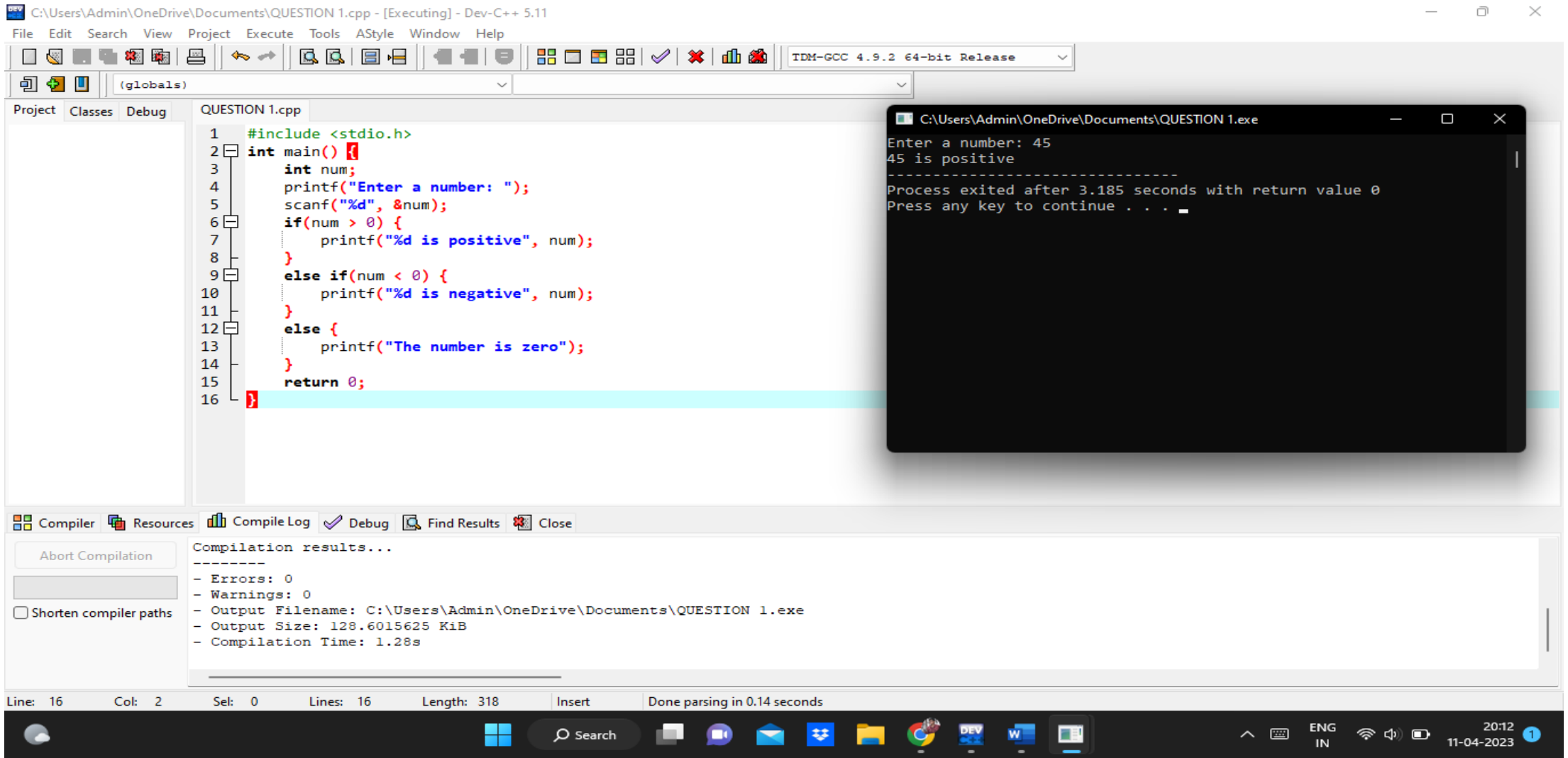
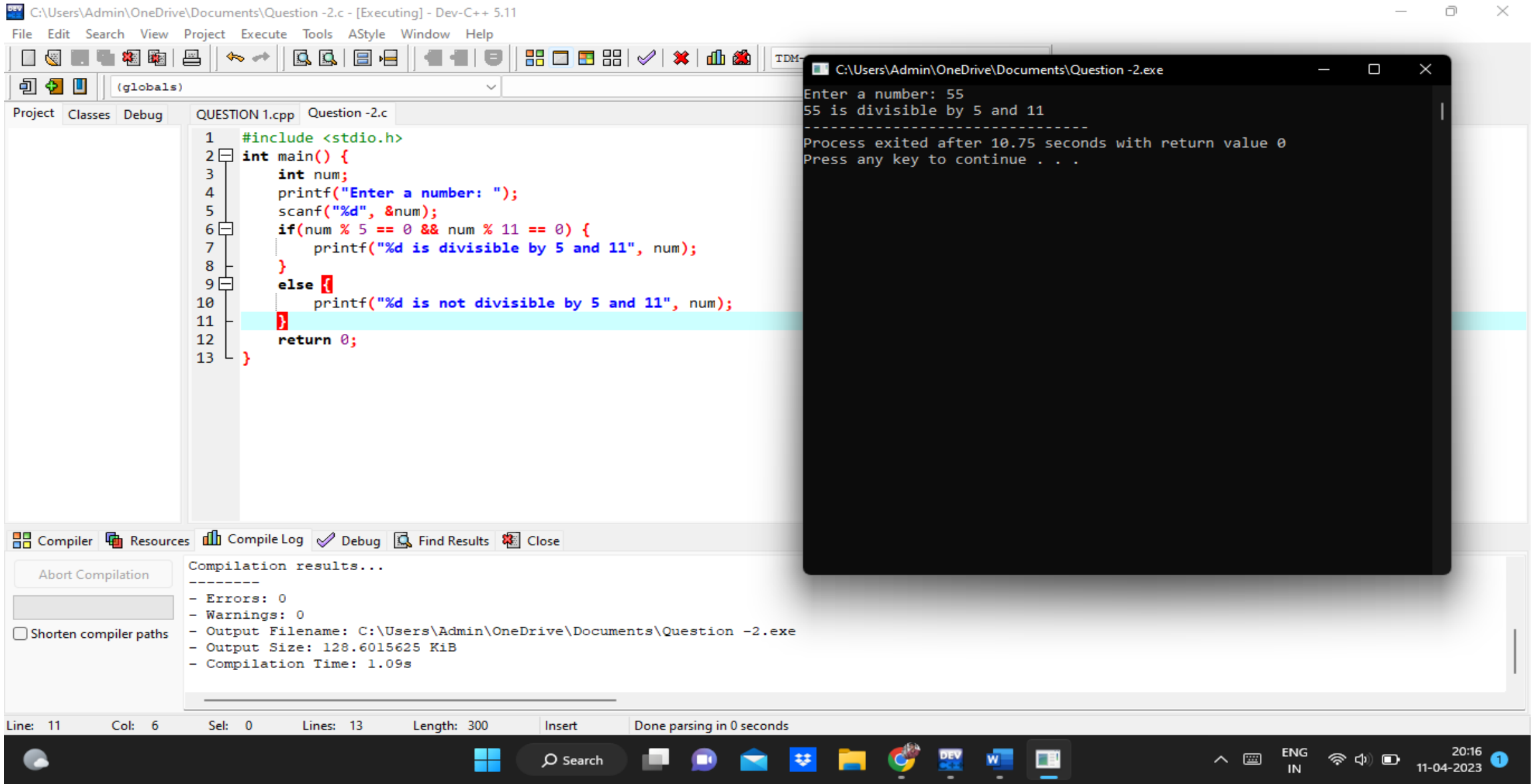
Assignment – 1

- Write a C program to check positive, negative or zero using simple if or if else. C program to input any number from user and check whether the given number is positive, negative or zero. Logic to check negative, positive or zero in C programming.



1. Write a C program to check whether a number is divisible by 5 and 11 or not using if else. How to check divisibility of any number in C programming. C program to enter any number and check whether it is divisible by 5 and 11 or not. Logic to check divisibility of a number in C program.



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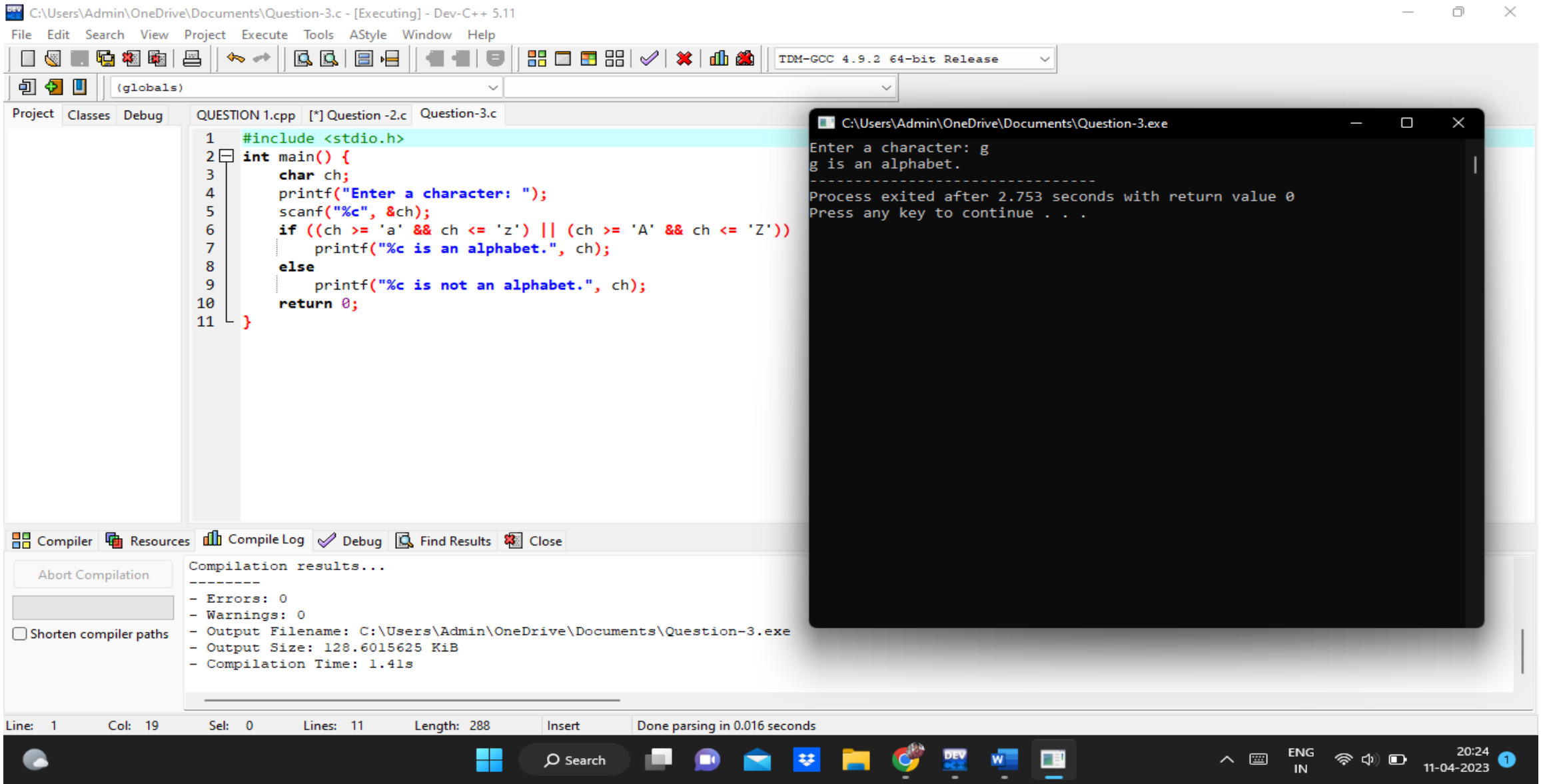
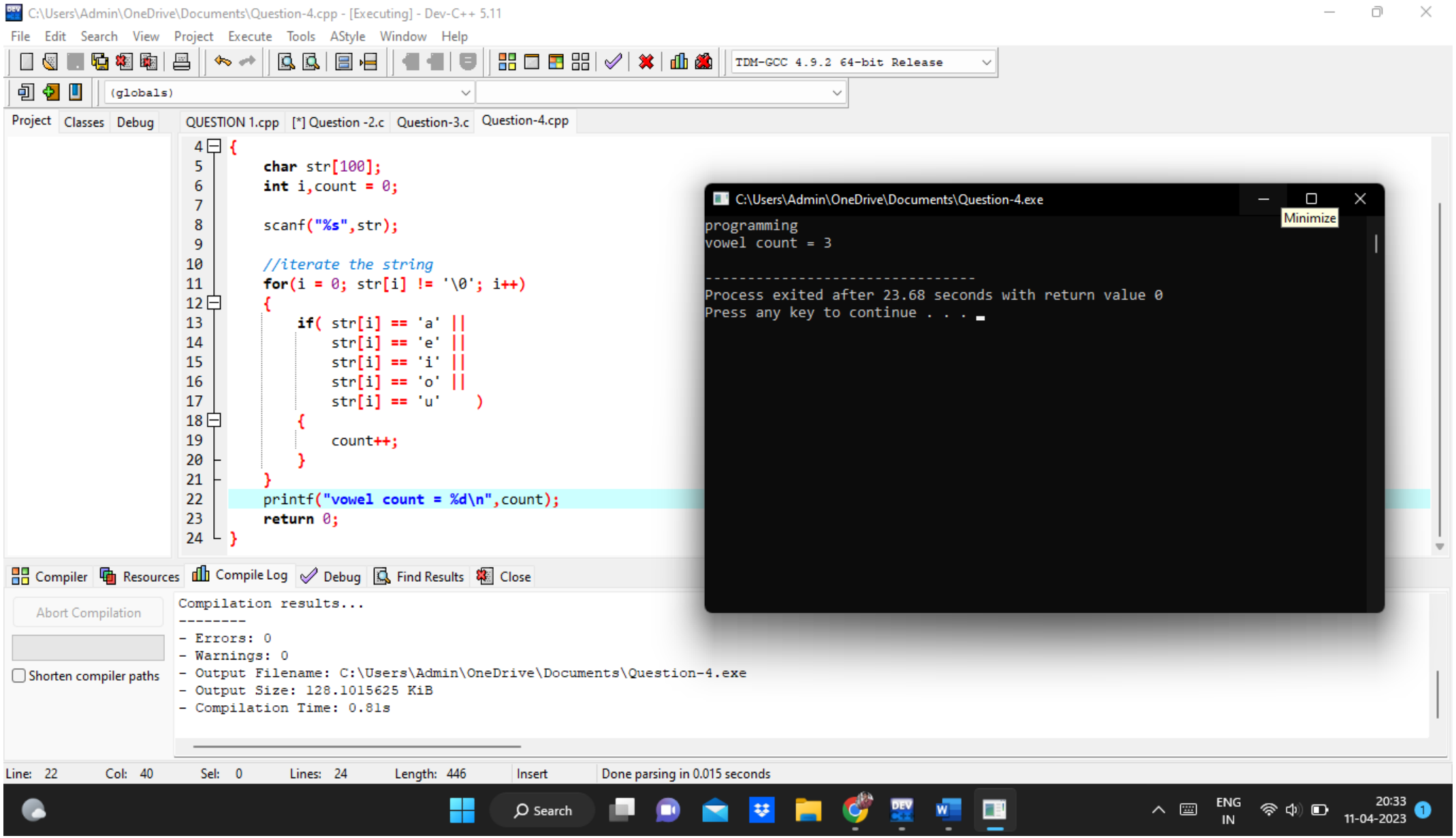
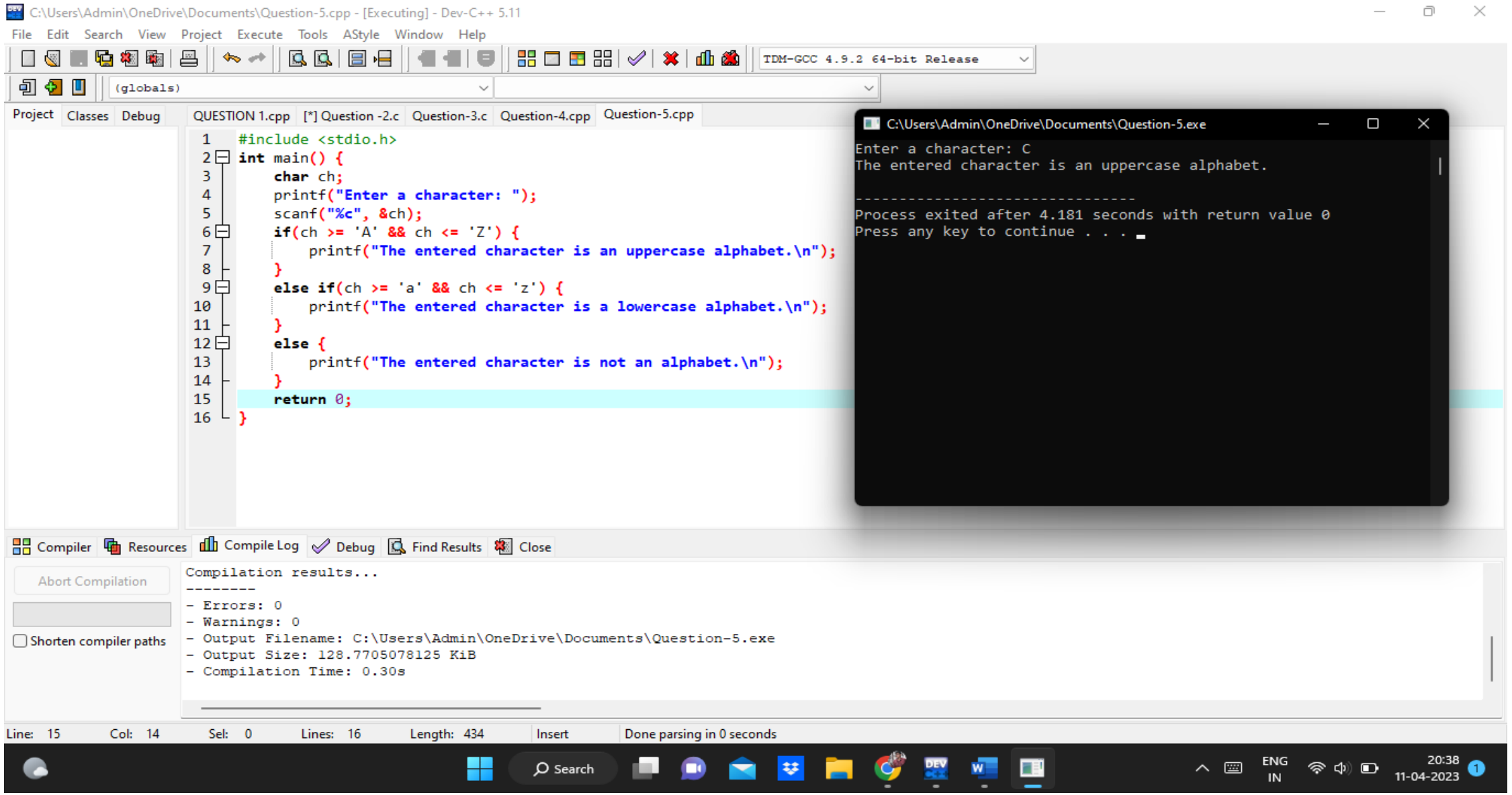


1. Write a C program to count the Vowels in the given string.



1. Write a C program to input character from user and check whether character is uppercase or lowercase alphabet using if else. How to check uppercase and lowercase using if else in C programming. Logic to check uppercase and lowercase alphabets in C program.



1. Write a C program to input amount from user and print minimum number of notes (Rs. 500, 100, 50, 20, 10, 5, 2, 1) required for the amount. How to the minimum number of notes required for the given amount in C programming. Program to find minimum number of notes required for the given denomination. Logic to find minimum number of denomination for a given amount in C program.

C:\Users\Admin\OneDrive\Documents\Question-6.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug

QUESTION 1.cpp | [*] Question -2.c | Question-3.c | Question-4.cpp | Question-5.cpp | Question-6.cpp

```c
#include <stdio.h>
int main() {
    int amount, notes;
    printf("Enter the amount: ");
    scanf("%d", &amount);

    notes = amount / 500;
    printf("Number of Rs. 500 notes required: %d\n", notes);
    amount %= 500;

    notes = amount / 100;
    printf("Number of Rs. 100 notes required: %d\n", notes);
    amount %= 100;

    notes = amount / 50;
    printf("Number of Rs. 50 notes required: %d\n", notes);
    amount %= 50;

    notes = amount / 20;
    printf("Number of Rs. 20 notes required: %d\n", notes);
    amount %= 20;
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

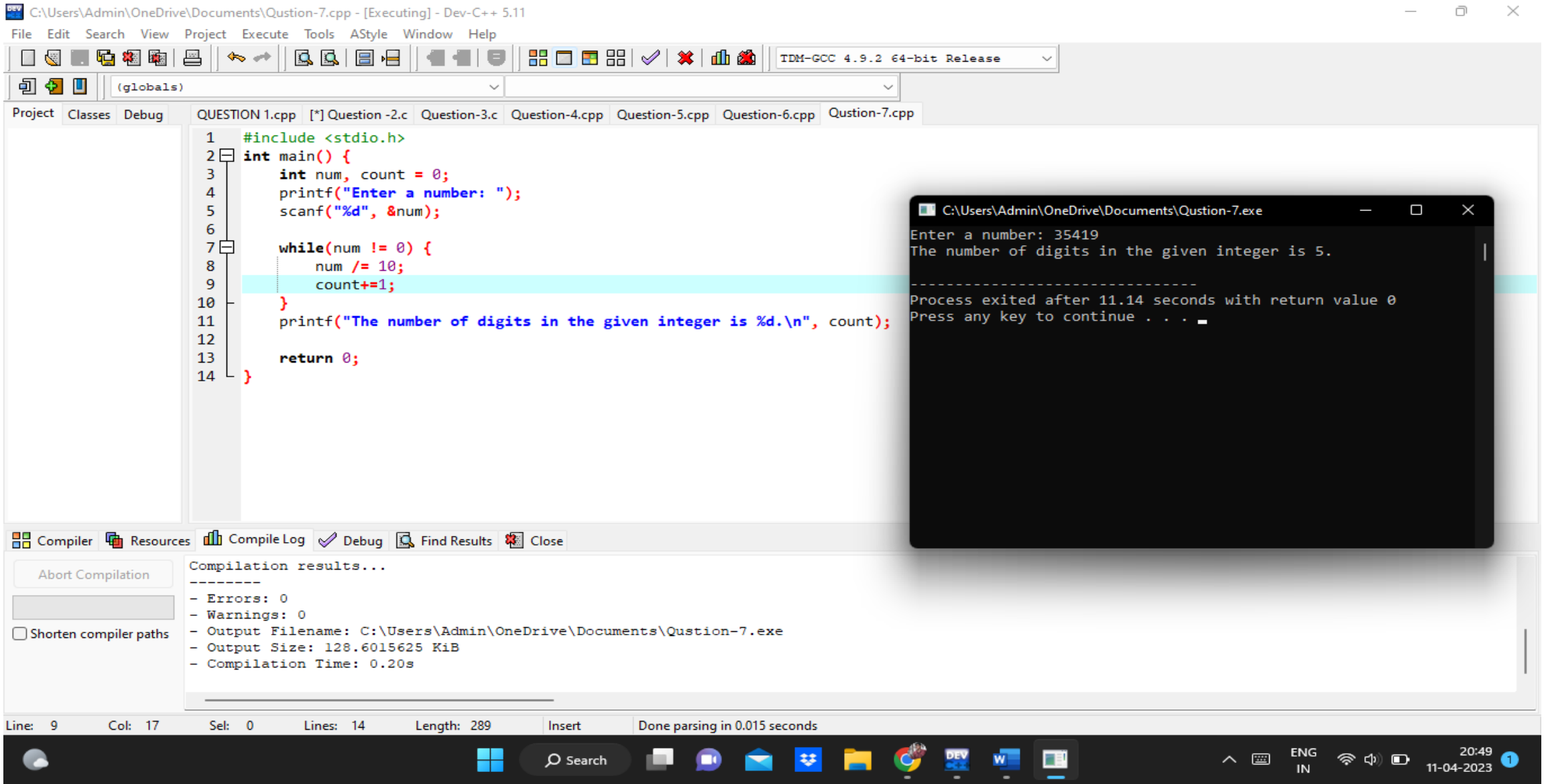
```
Compilation results...
--------
- Errors: 0
- Warnings: 0
```

C:\Users\Admin\OneDrive\Documents\Question-6.exe

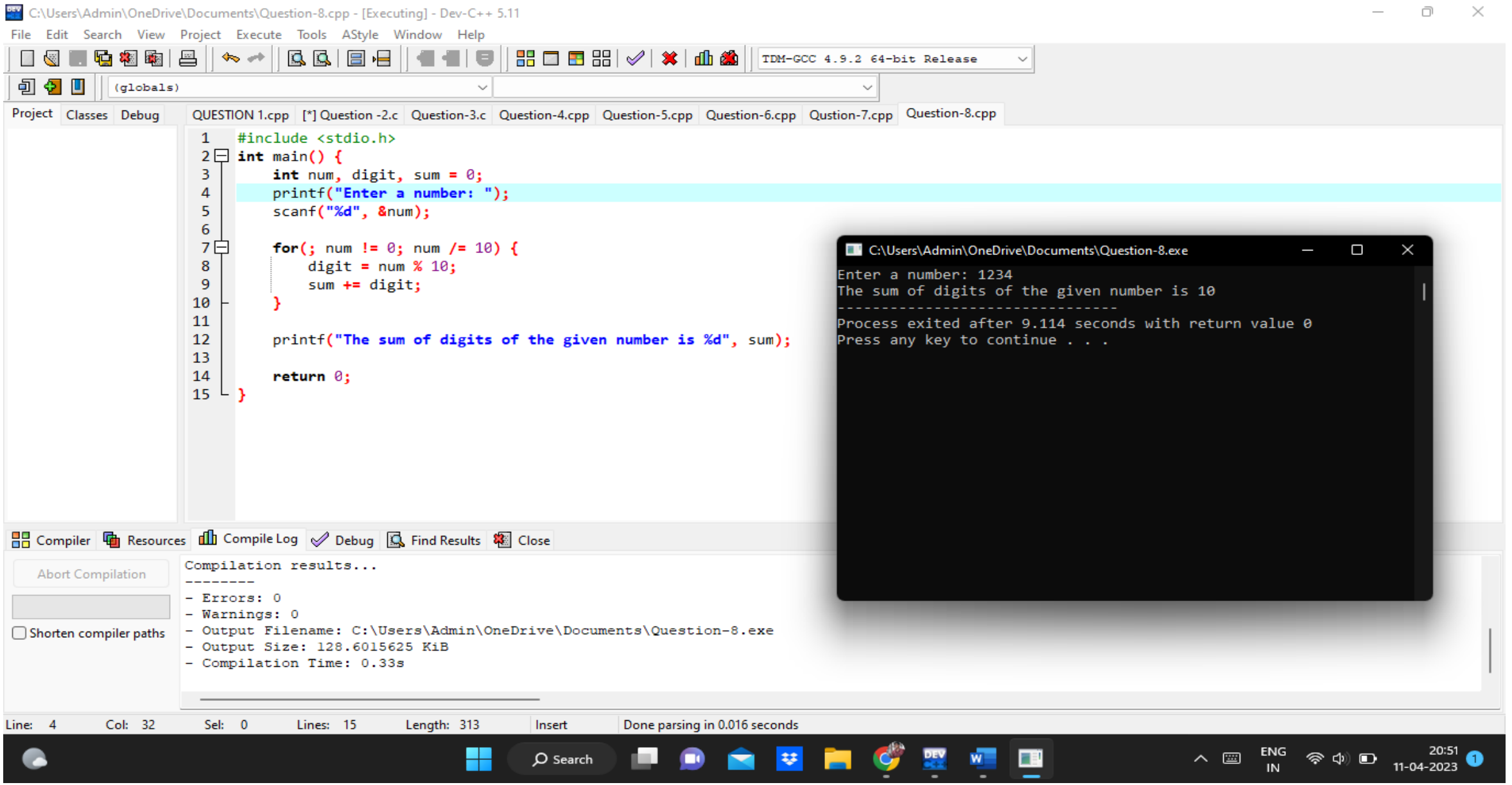
```
Enter the amount: 575
Number of Rs. 500 notes required: 1
Number of Rs. 100 notes required: 0
Number of Rs. 50 notes required: 1
Number of Rs. 20 notes required: 1
Number of Rs. 10 notes required: 0
Number of Rs. 5 notes required: 1
Number of Rs. 2 notes required: 0
Number of Rs. 1 notes required: 0

--------------------------------
Process exited after 6.185 seconds with return value 0
Press any key to continue . . .
```

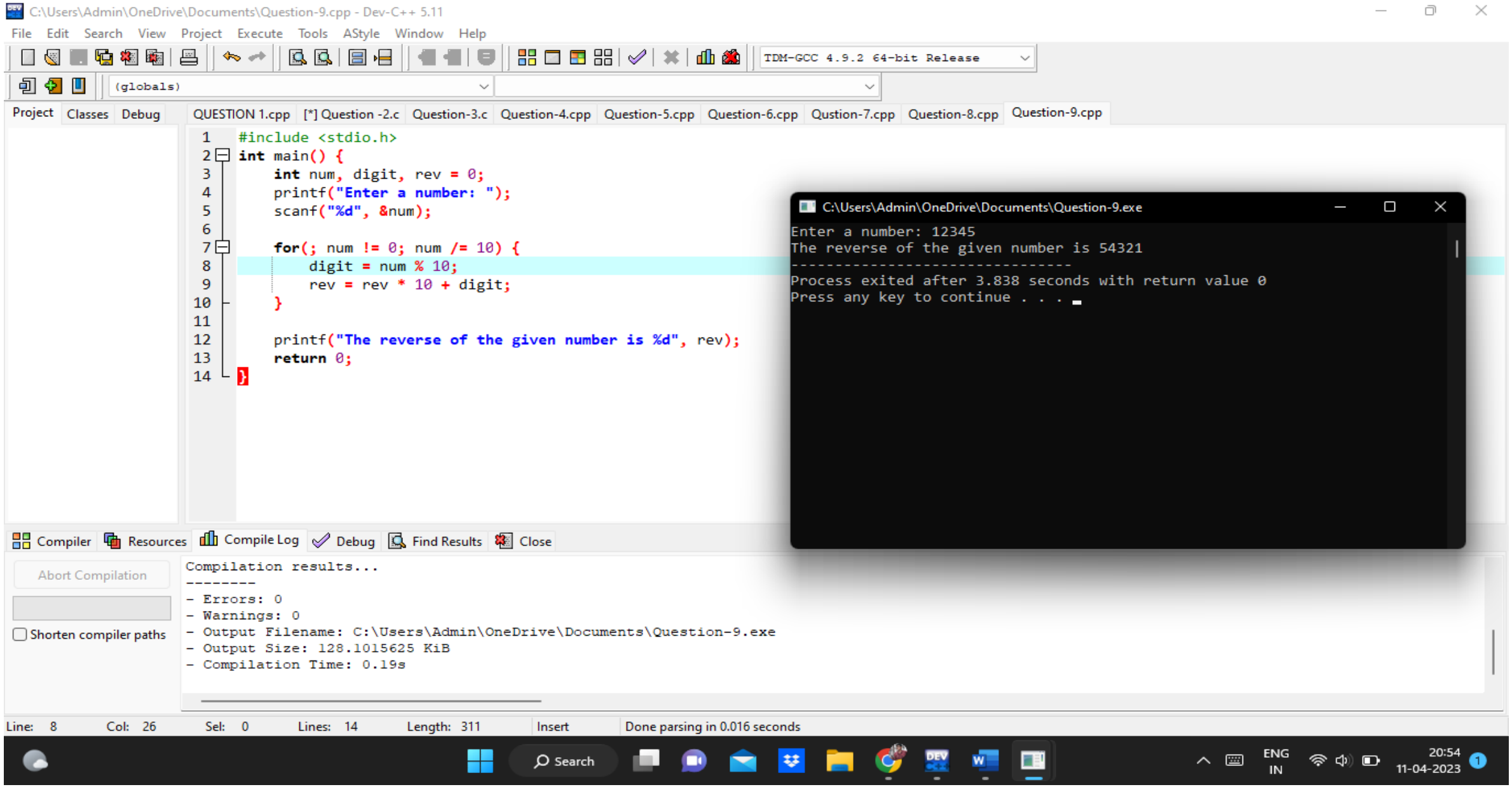
1. Write a C program to input a number from user and count number of digits in the given integer using loop. How to find total digits in a given integer using loop in C programming. Logic to count digits in a given integer without using loop in C program.



1. Write a C program to input a number and calculate sum of digits using for loop. How to find sum of digits of a number in C program. Logic to find sum of digits of a given number in C programming.



1. Write a C program to input a number from user and find reverse of the given number using for loop. How to find reverse of any number using loop in C program. Logic to find reverse of a number in C programming.



1. Write a C program to input decimal number from user and convert to binary number system. How to convert from decimal number to binary number system in C program. Logic to convert decimal to binary number system in C programming.