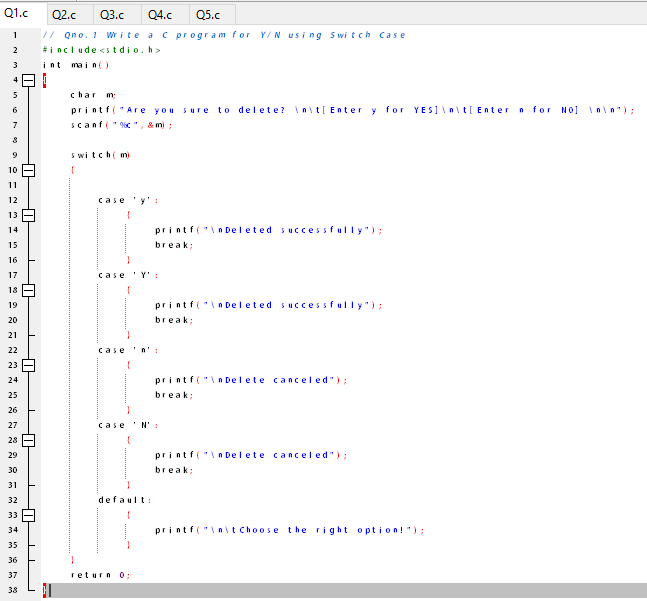
**PF Lab 05**

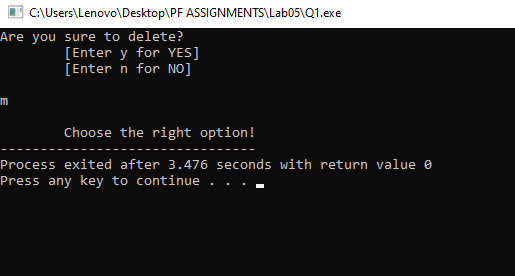
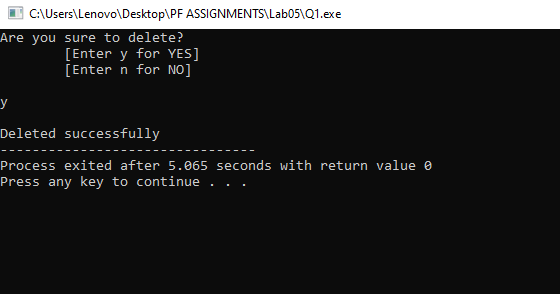
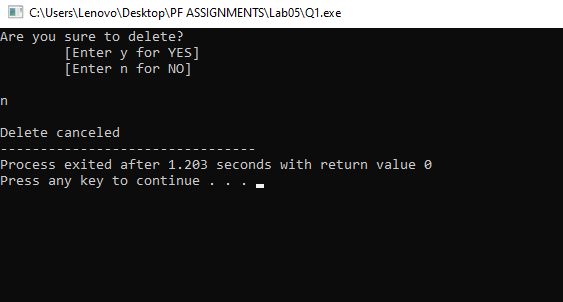
Exercises

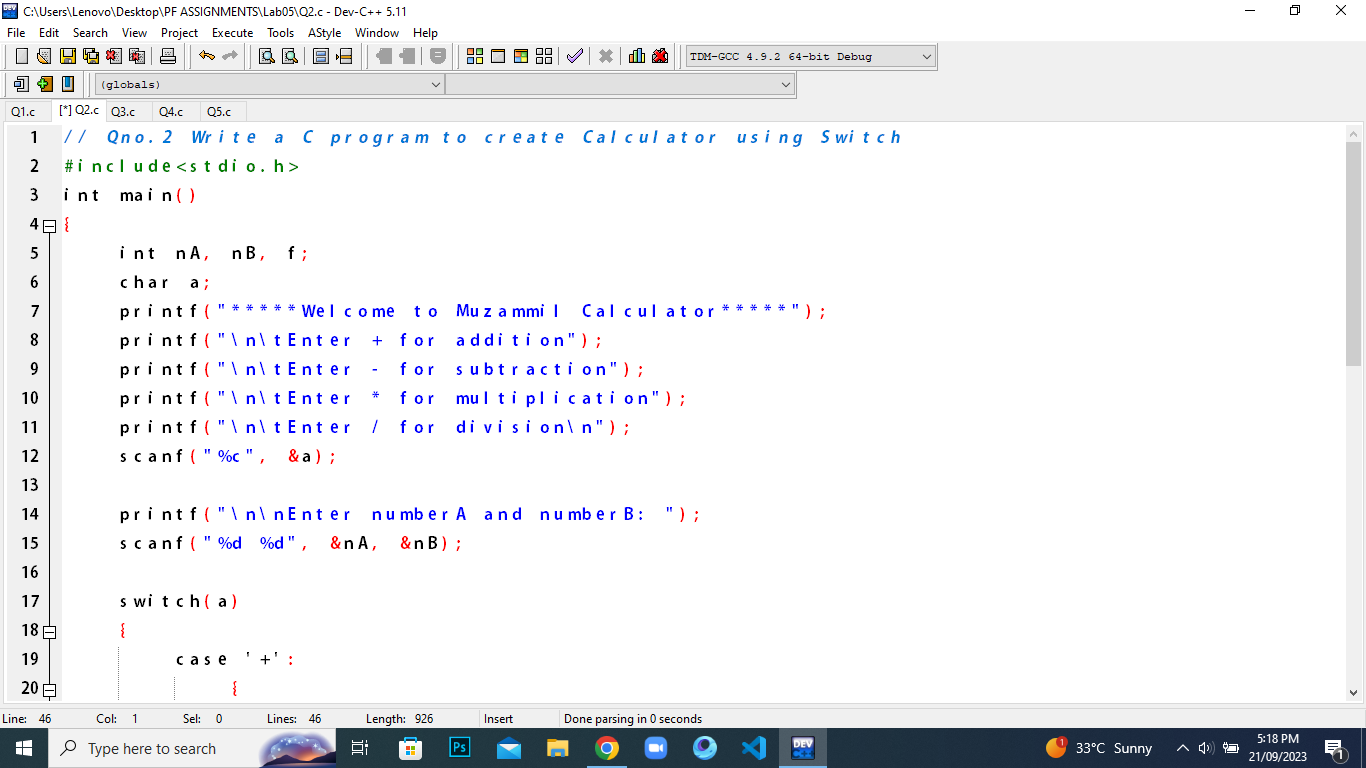
**Rollno**: 23K-2001

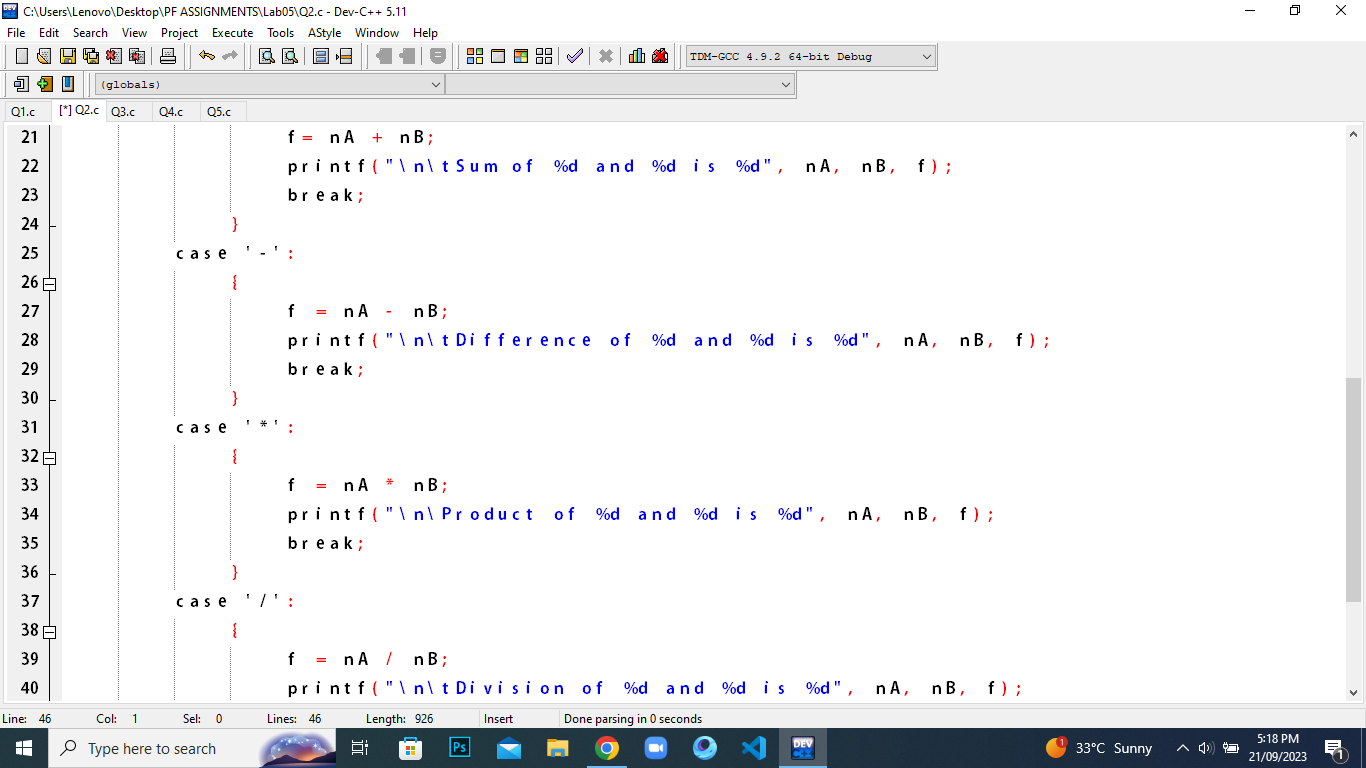
**Name**: M. Muzammil Siddiqui

Qno.1 Write a C program for Y/N using Switch Case

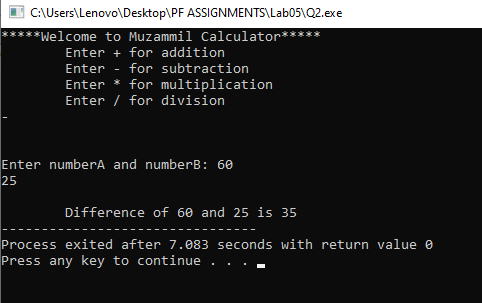
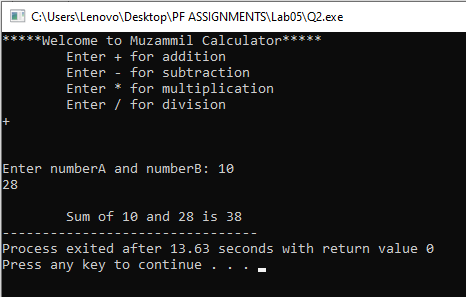
Outputs

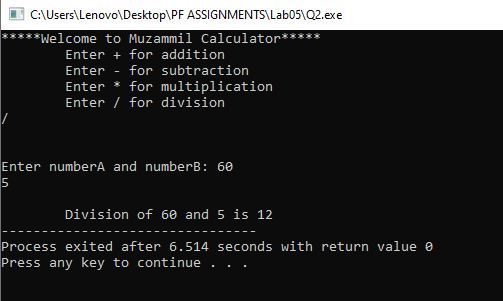
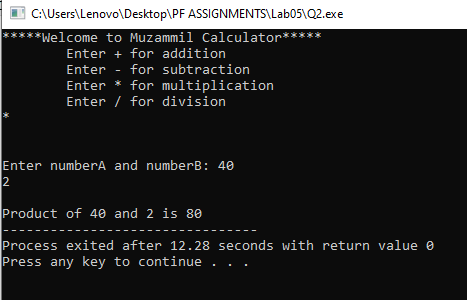


Qno.2 Write a C program to create Calculator using Switch

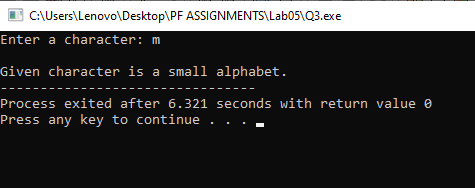


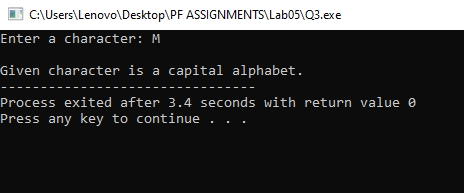


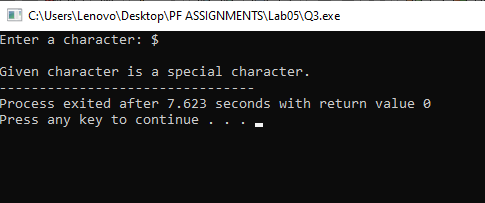
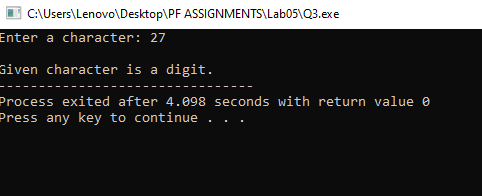
Outputs



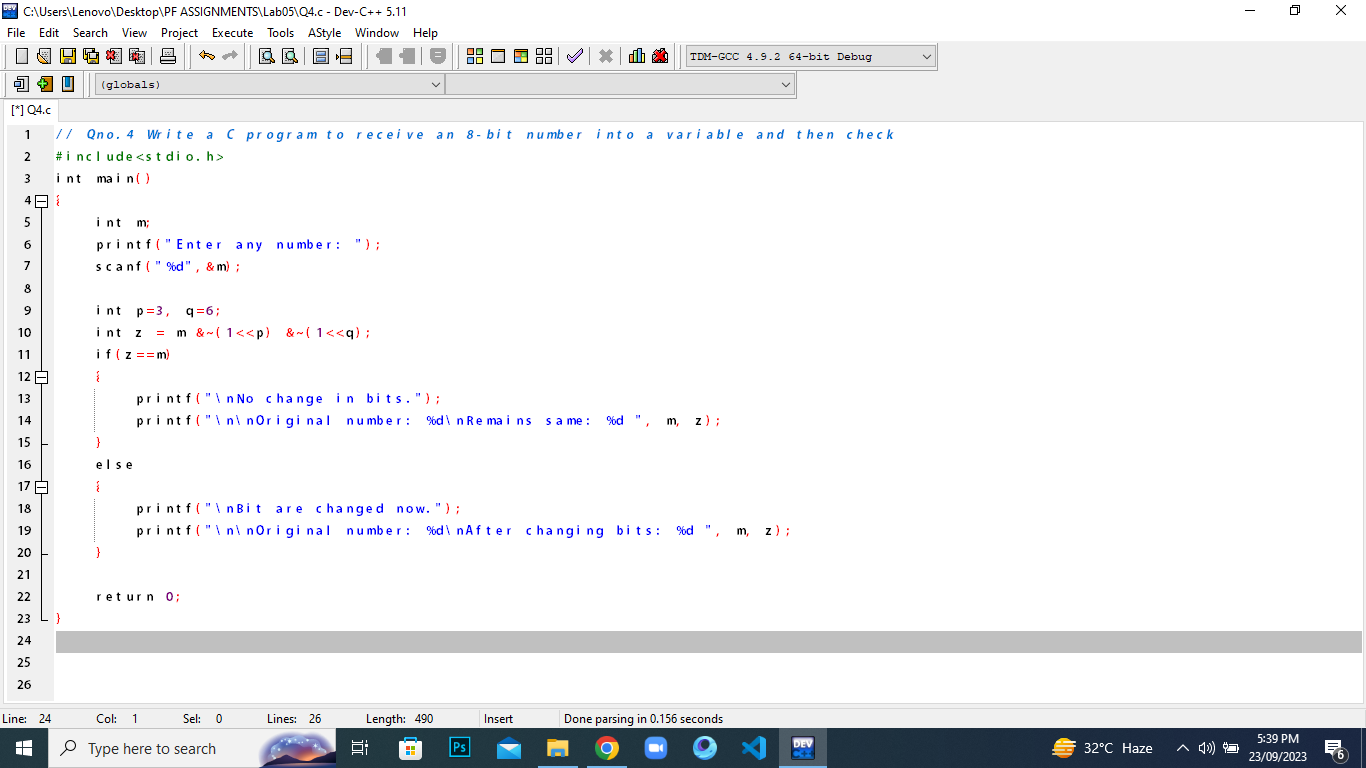
Qno.3 Write a C program to input a character from the user and check whether the given character

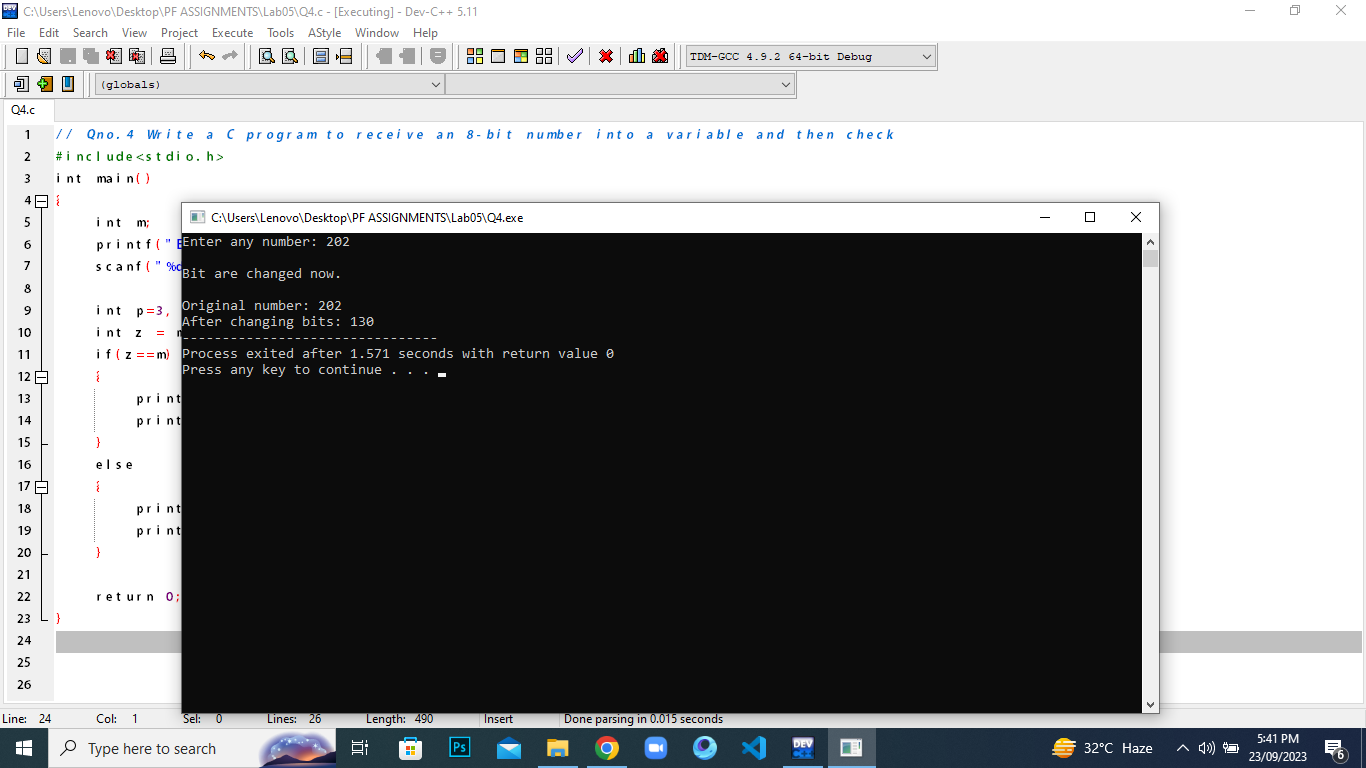
Outputs

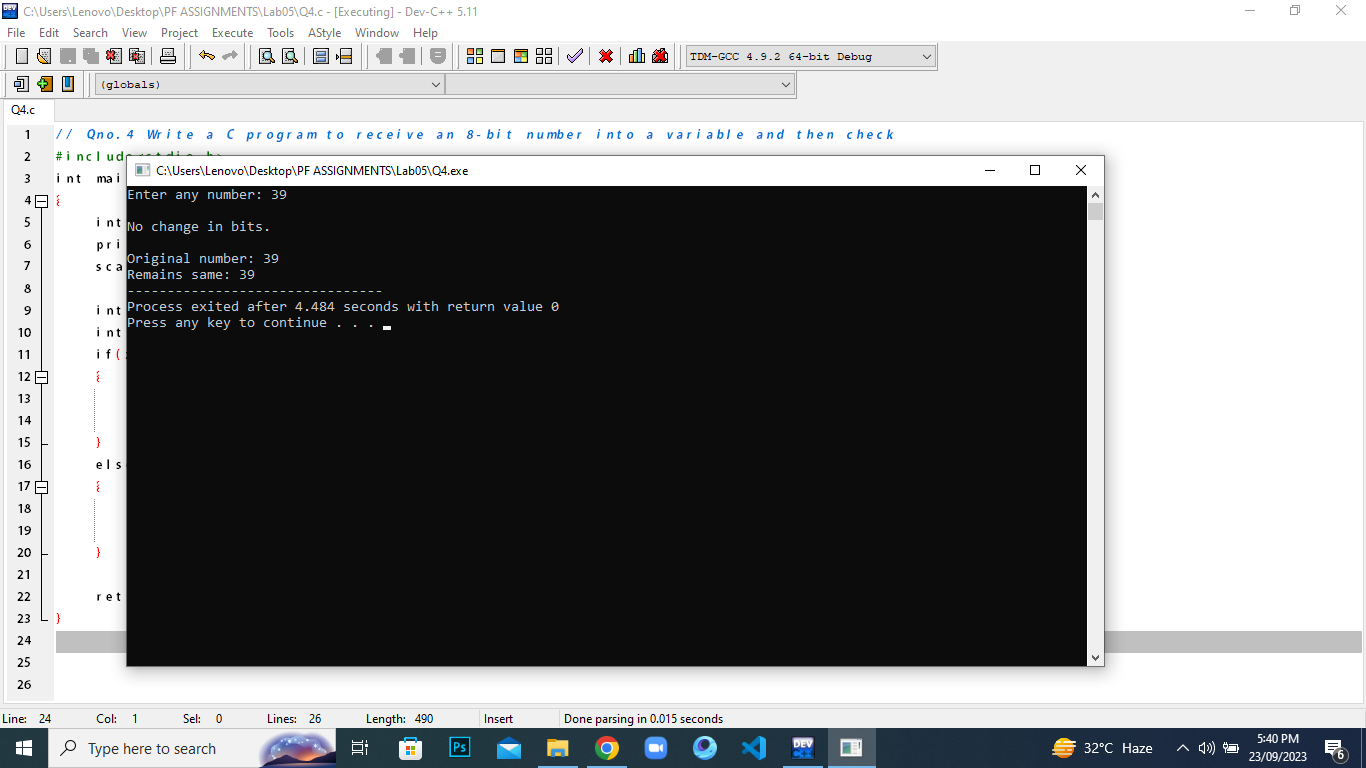


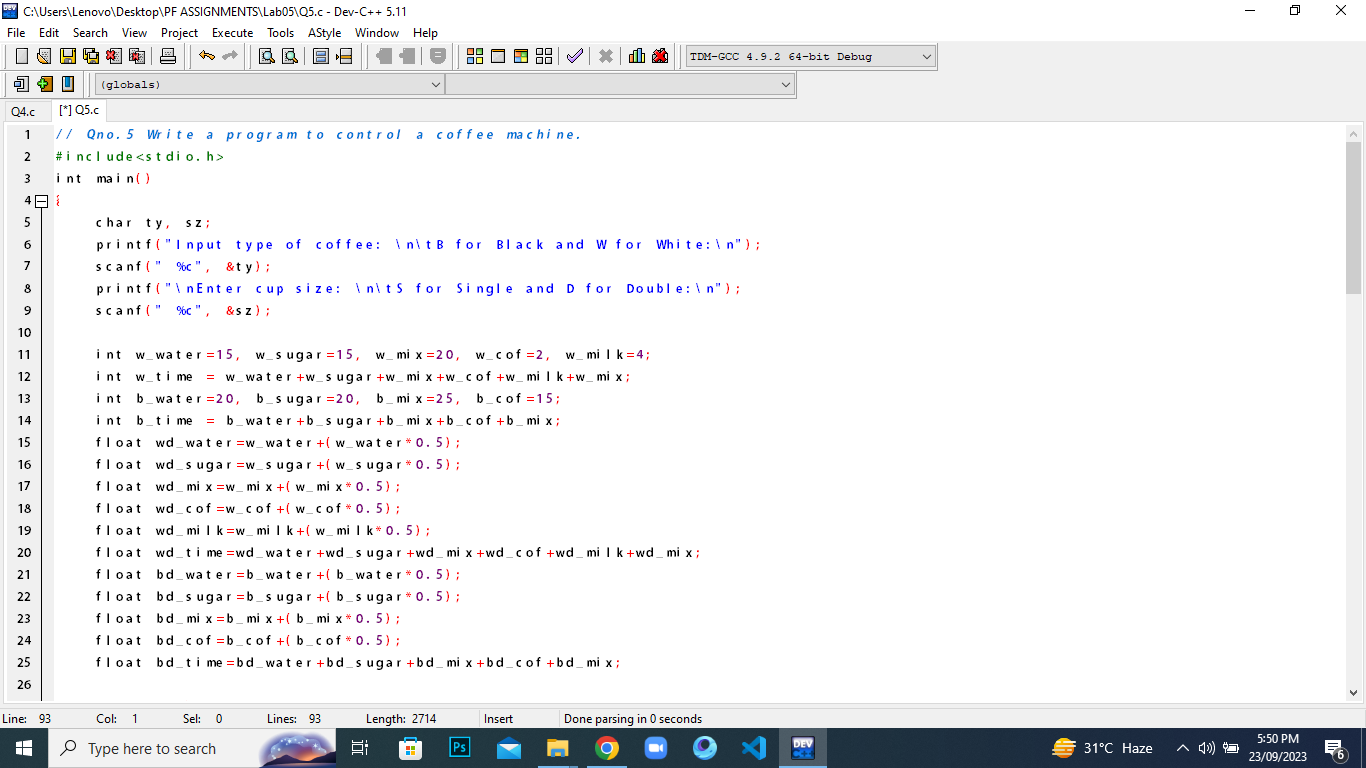


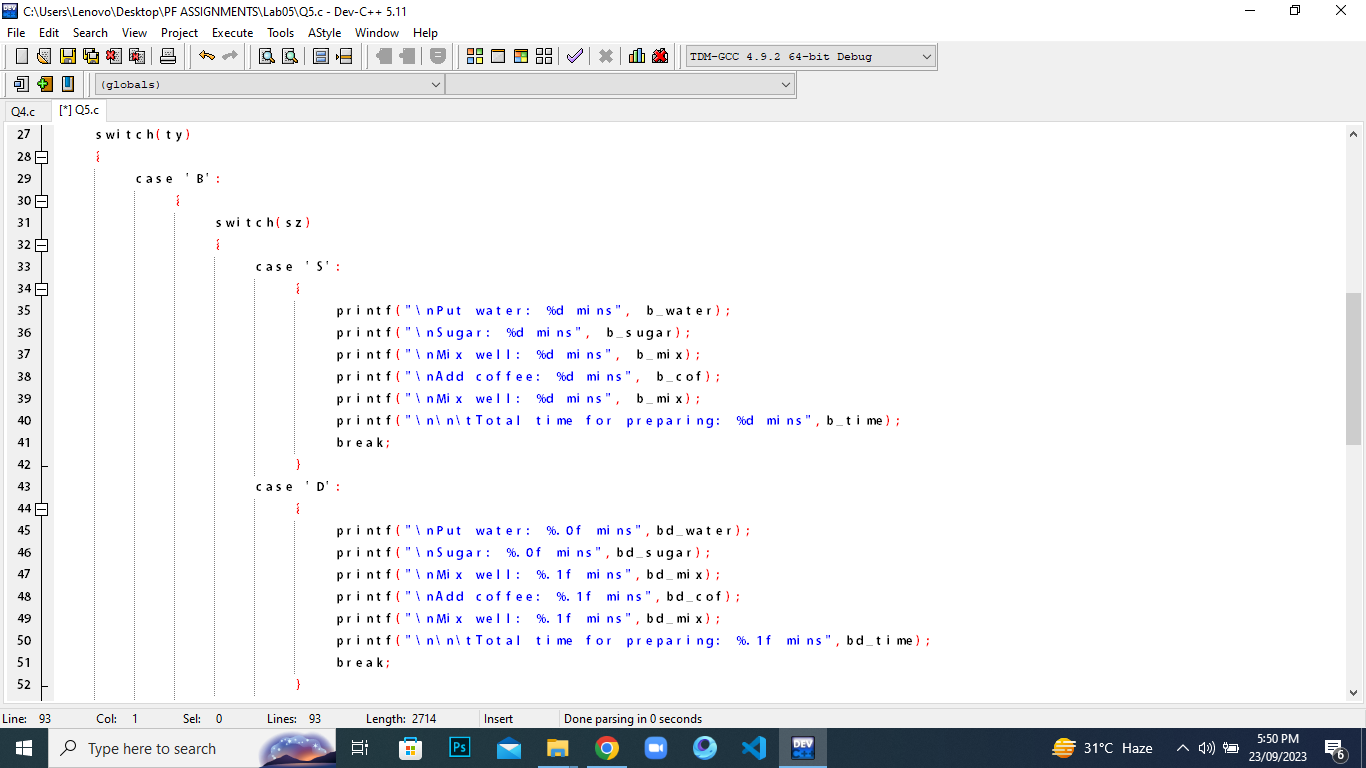
Qno.4 Write a C program to receive an 8-bit number into a variable and then check

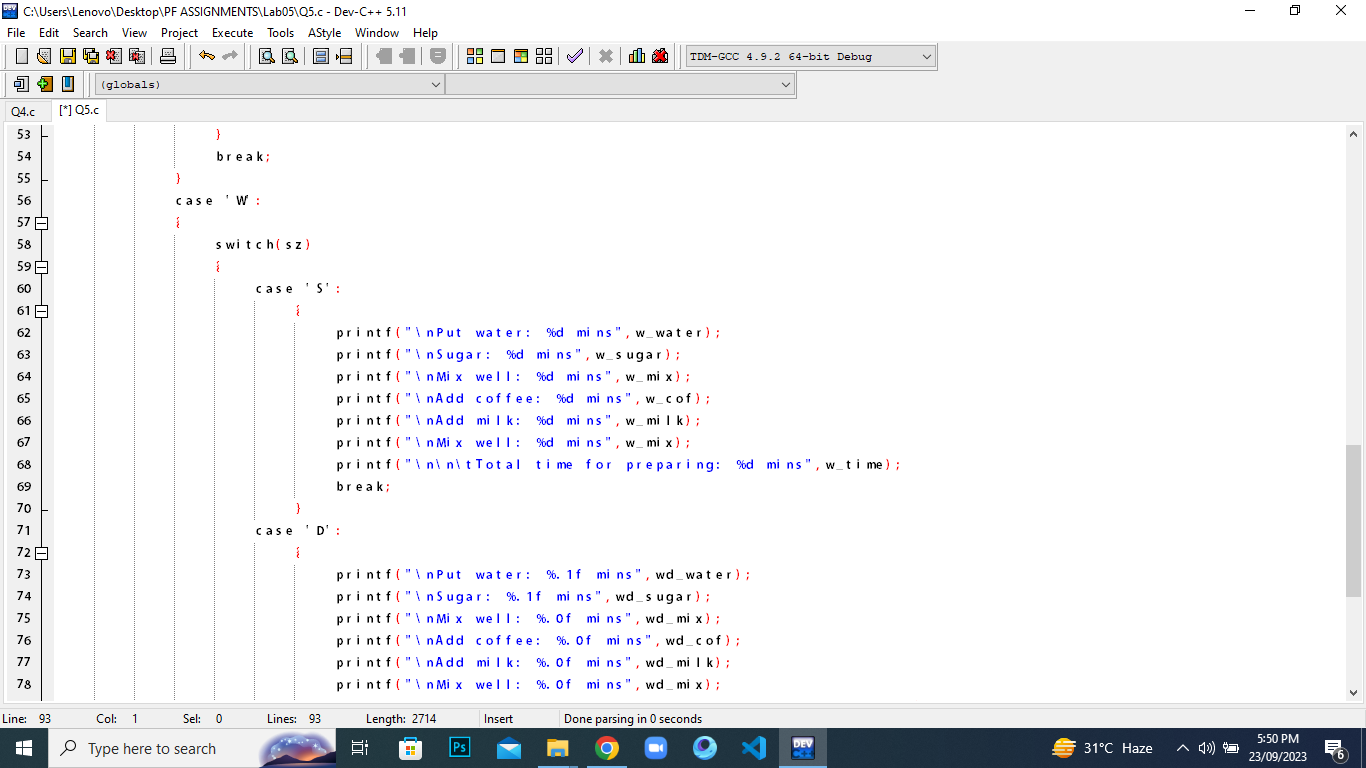


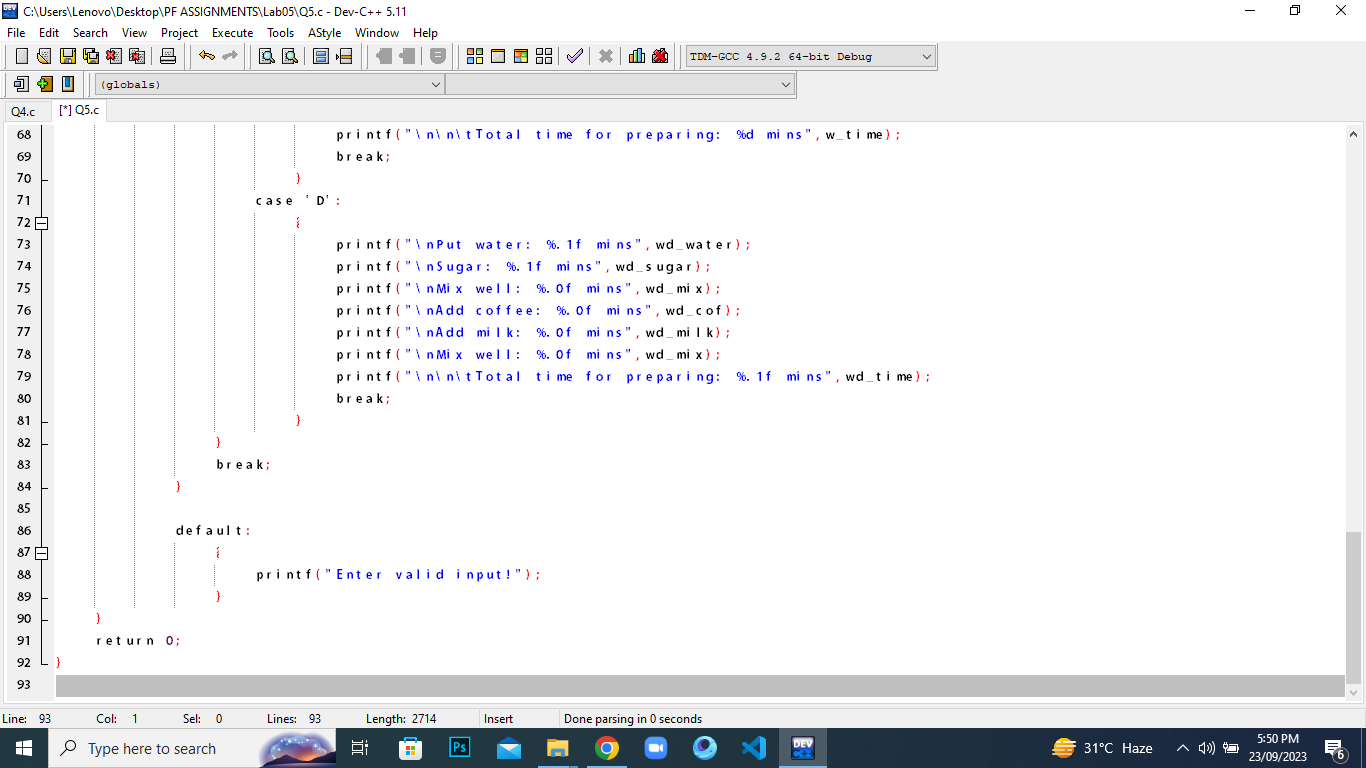
Outputs

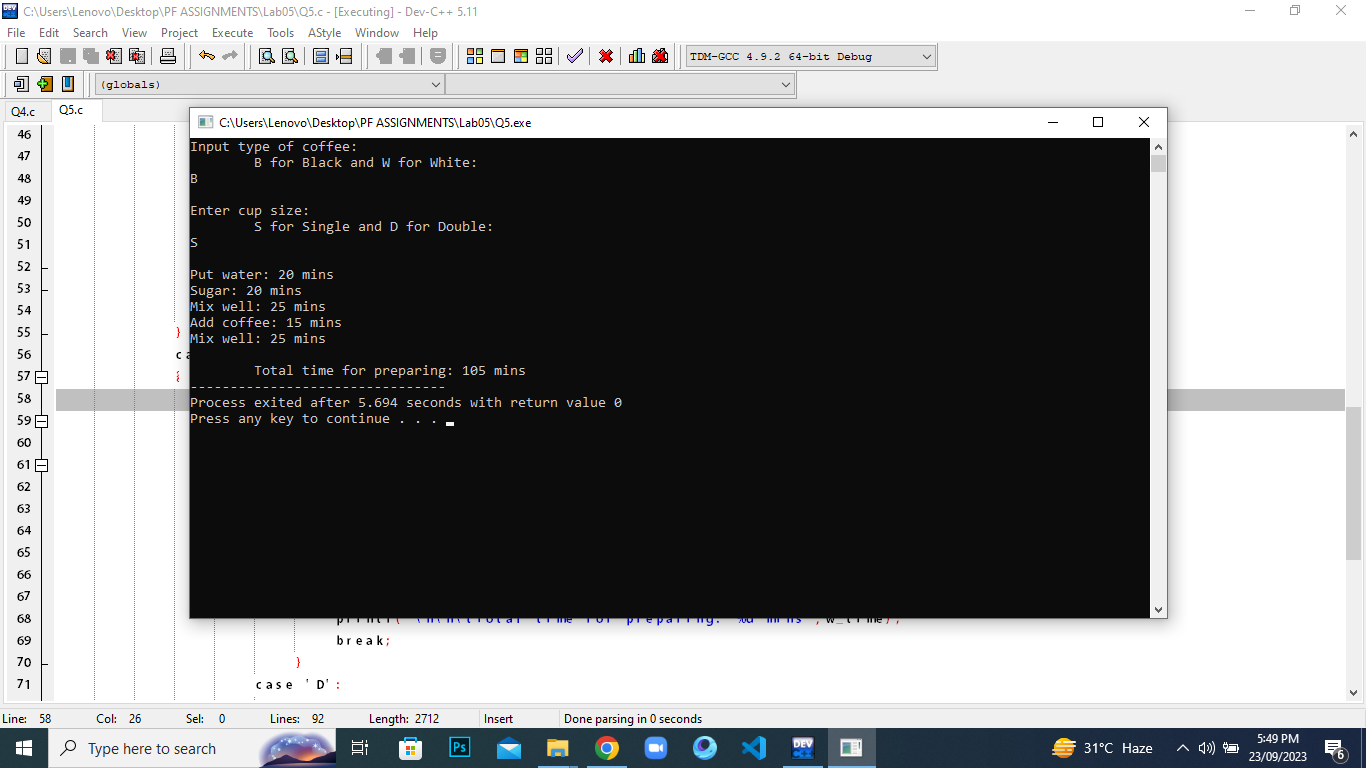
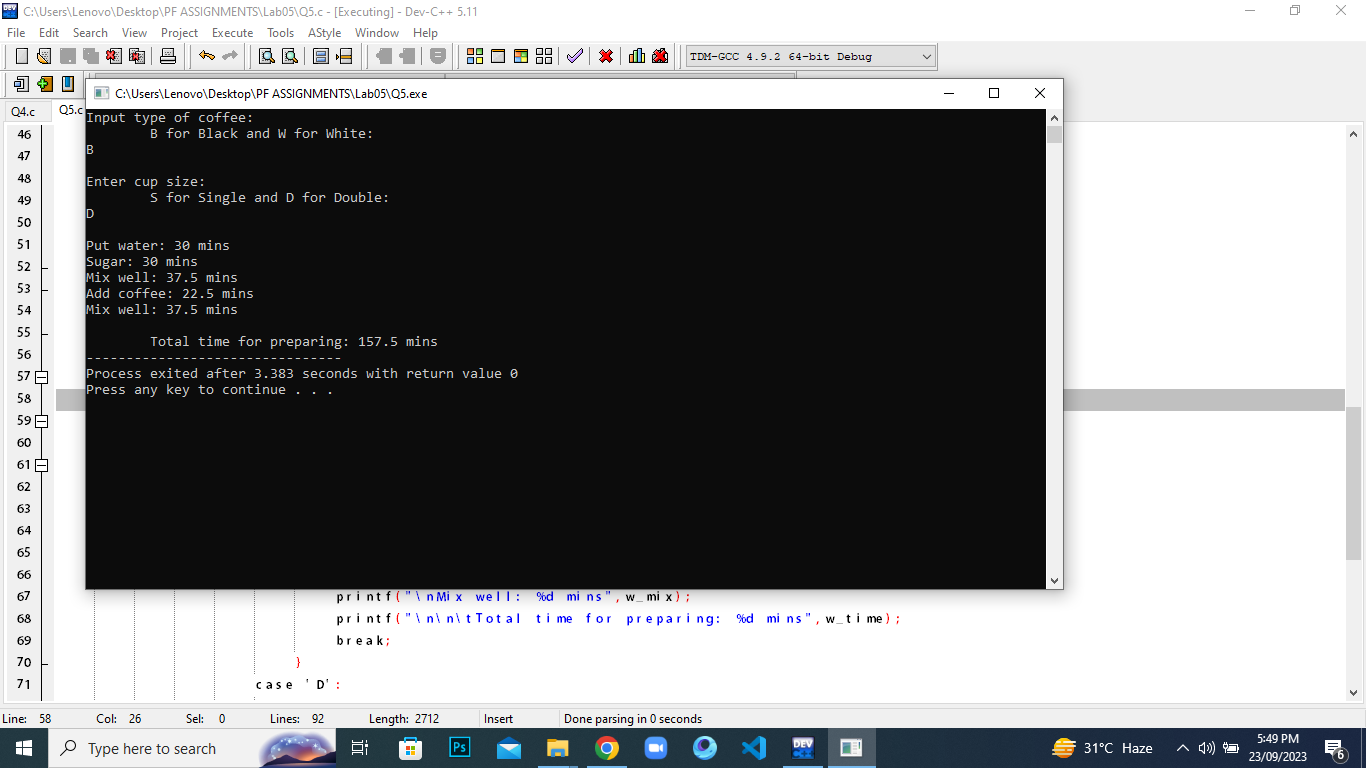


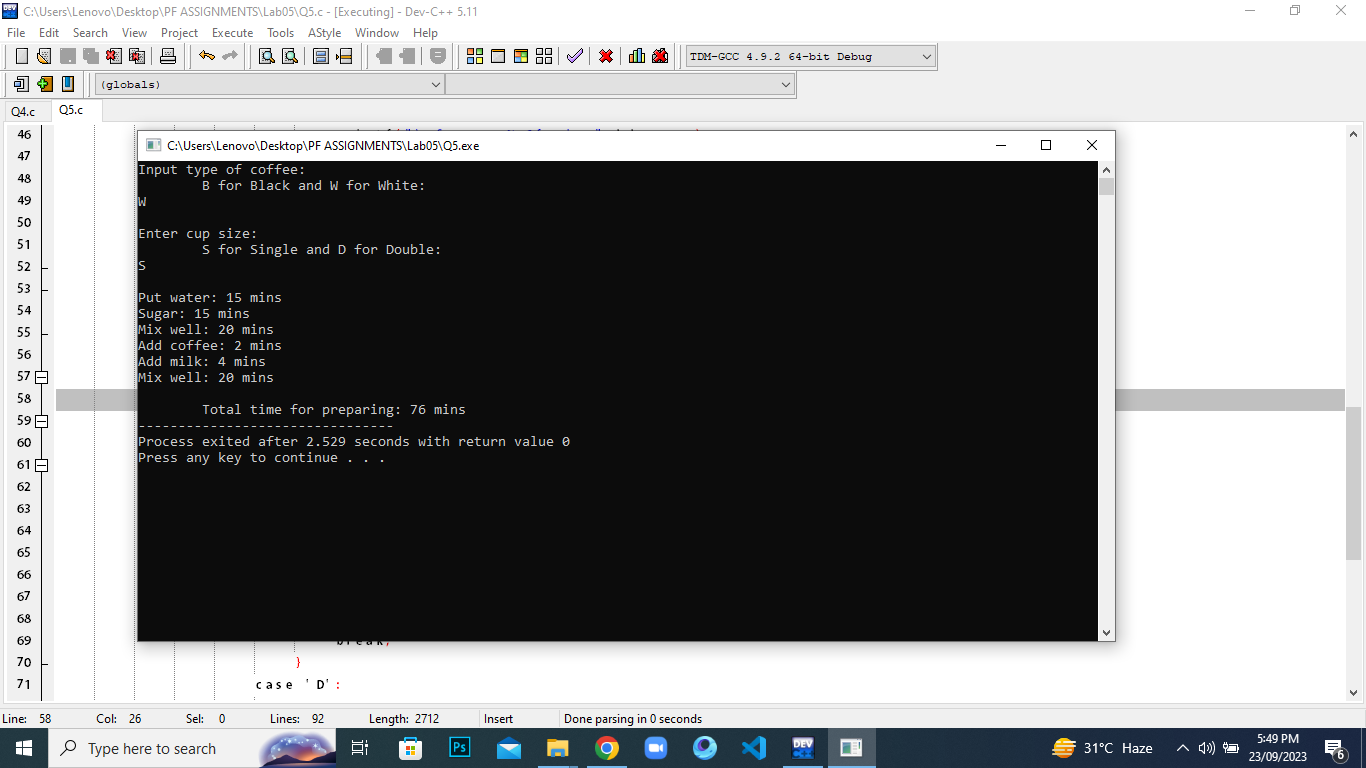
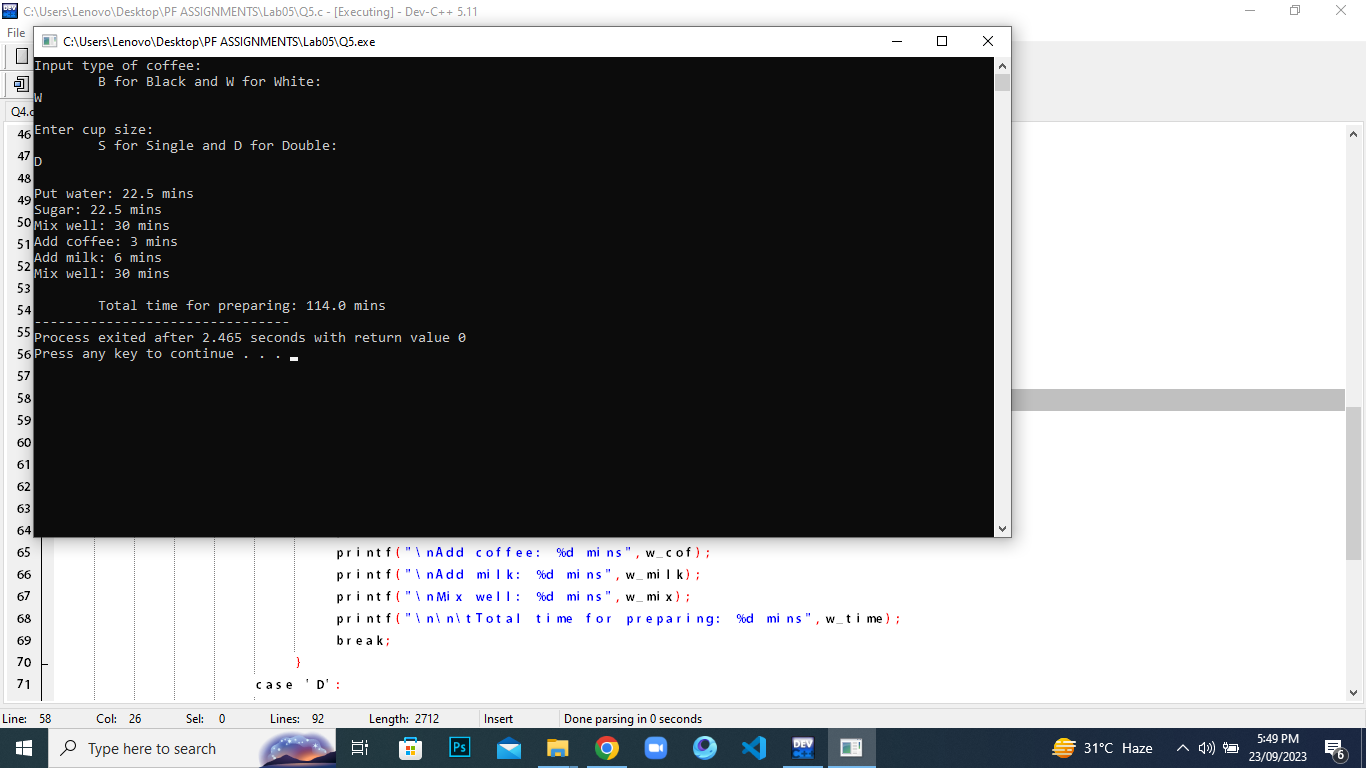
Qno.5 Write a program to control a coffee machine.

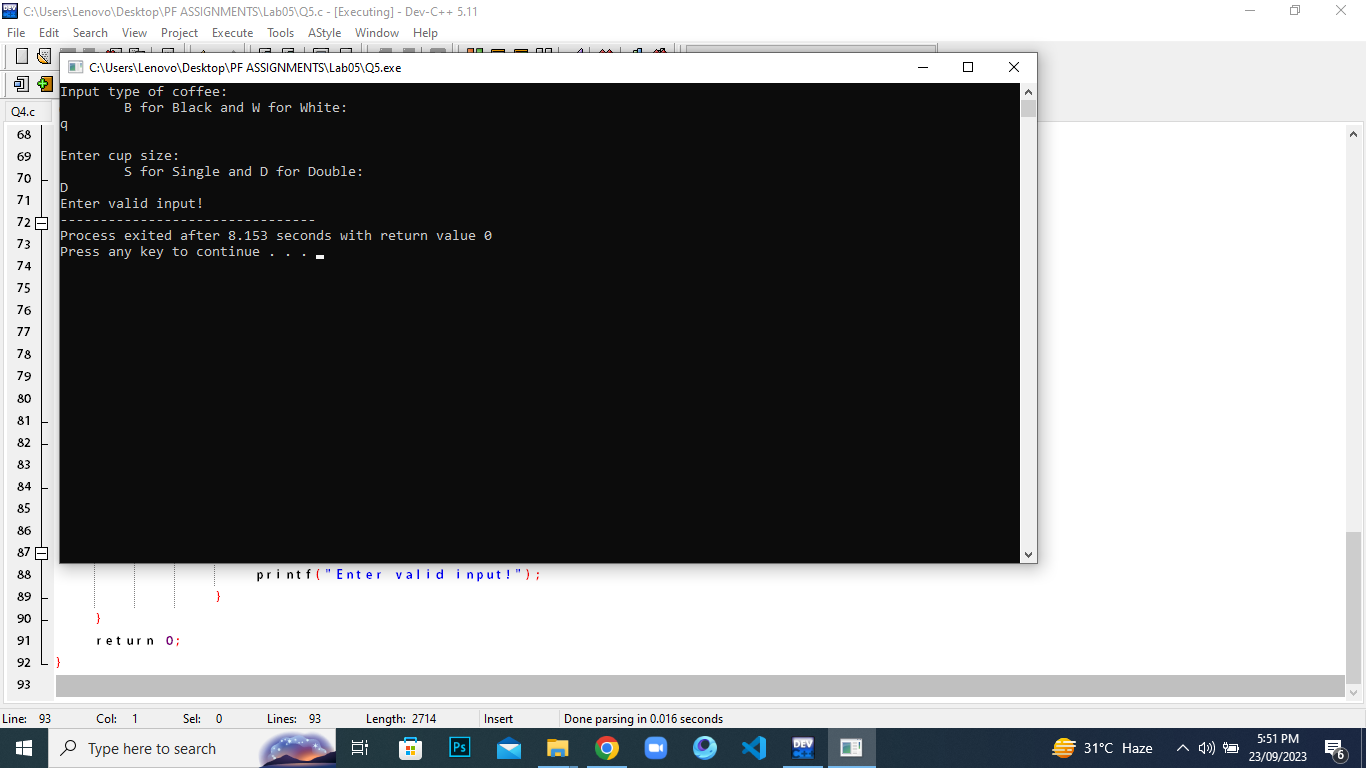


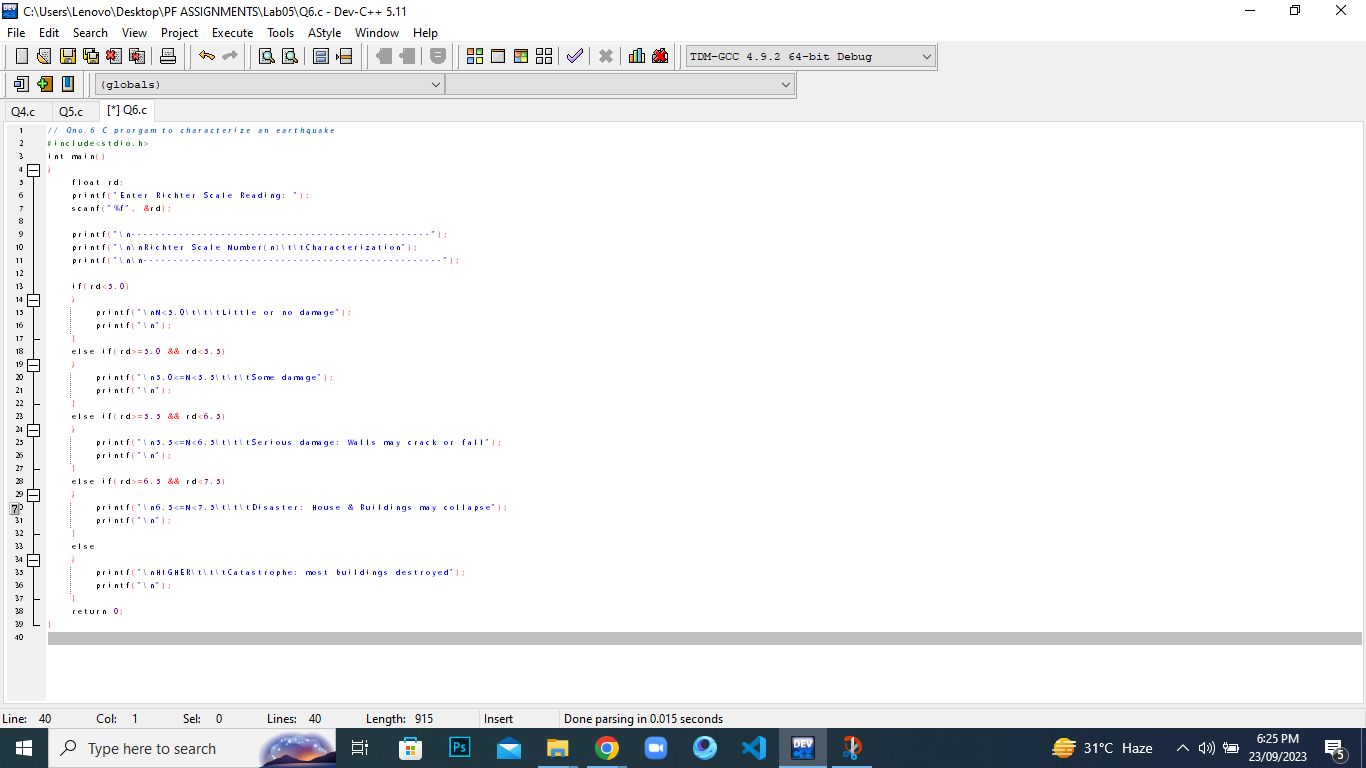


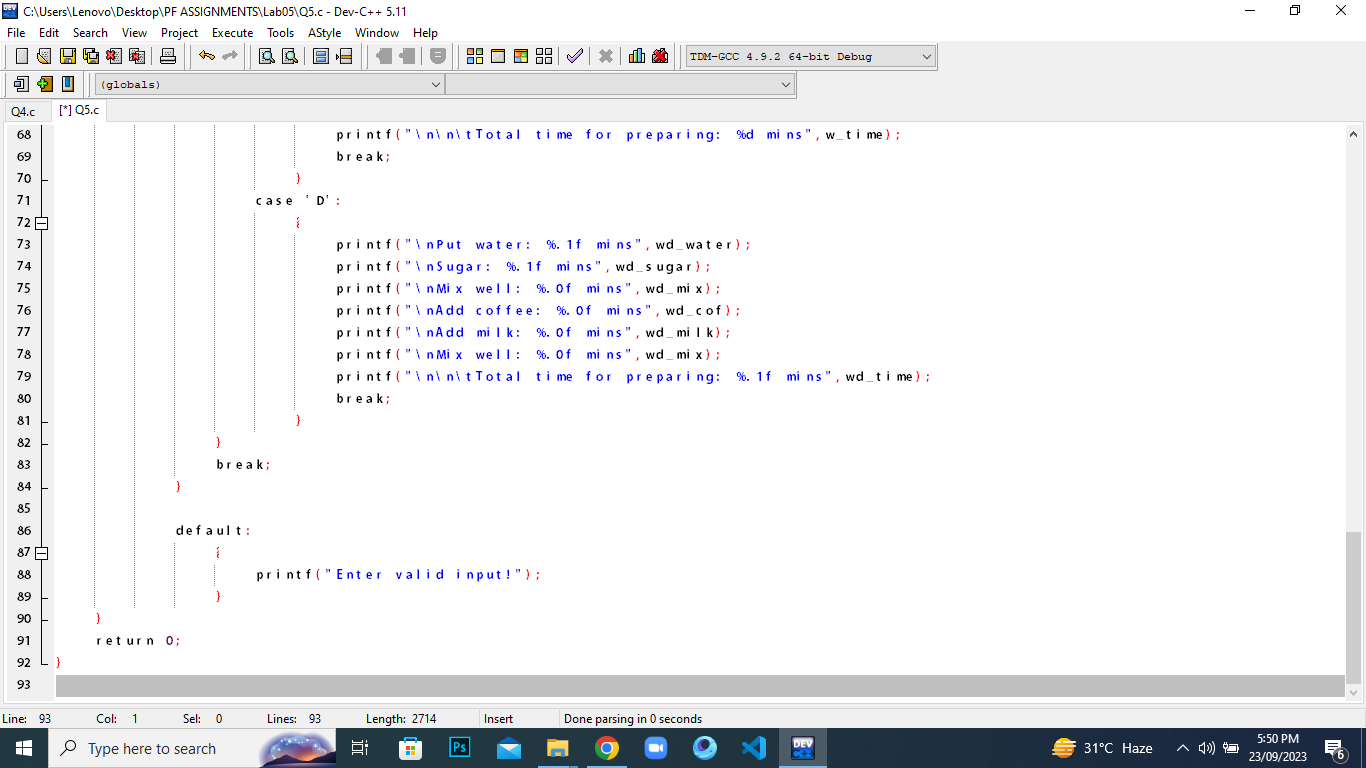


Outputs

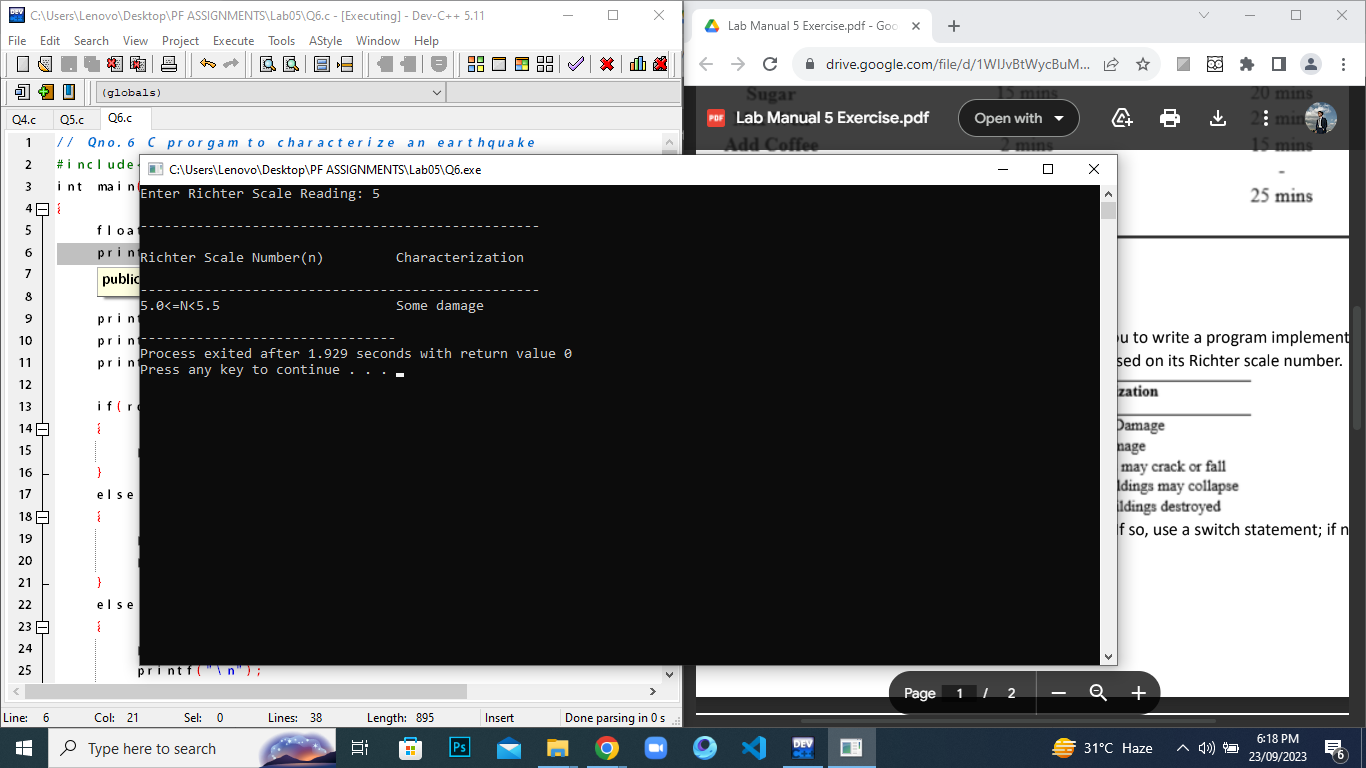


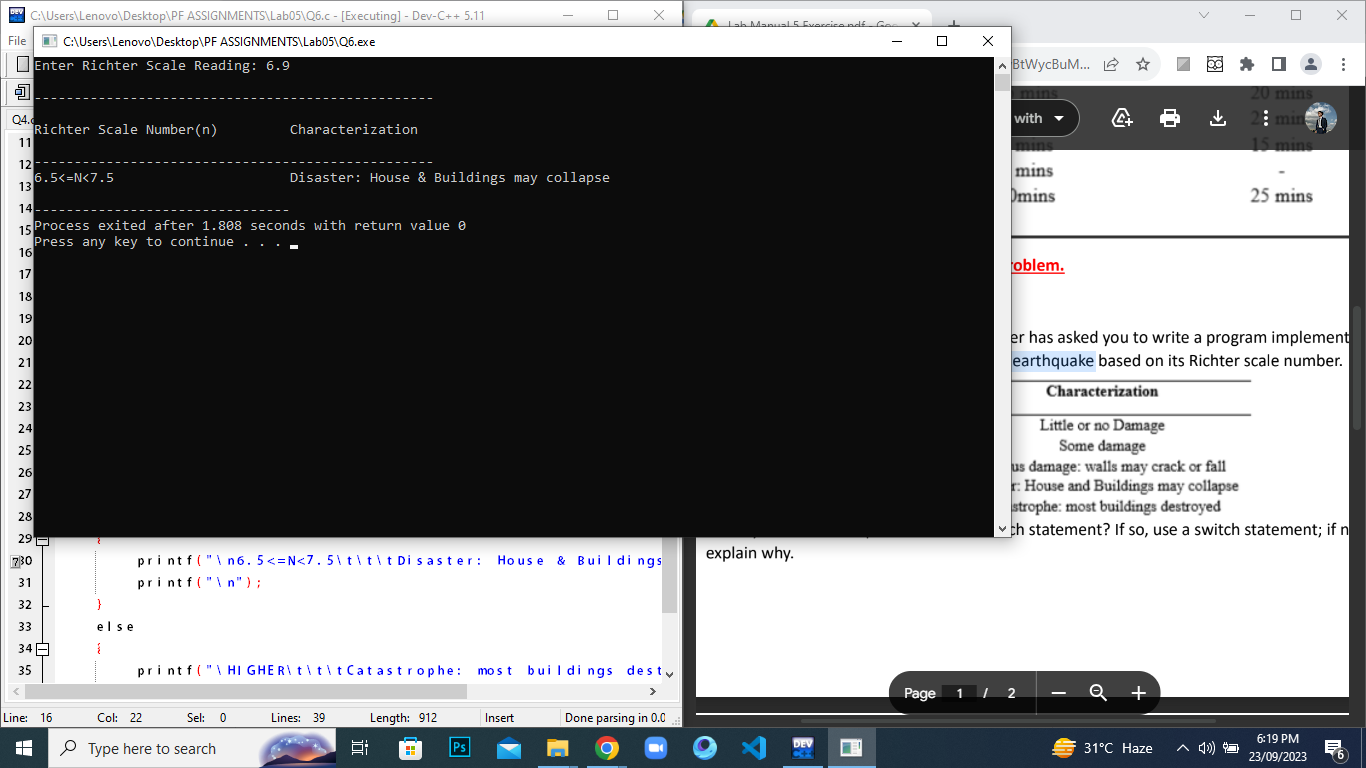


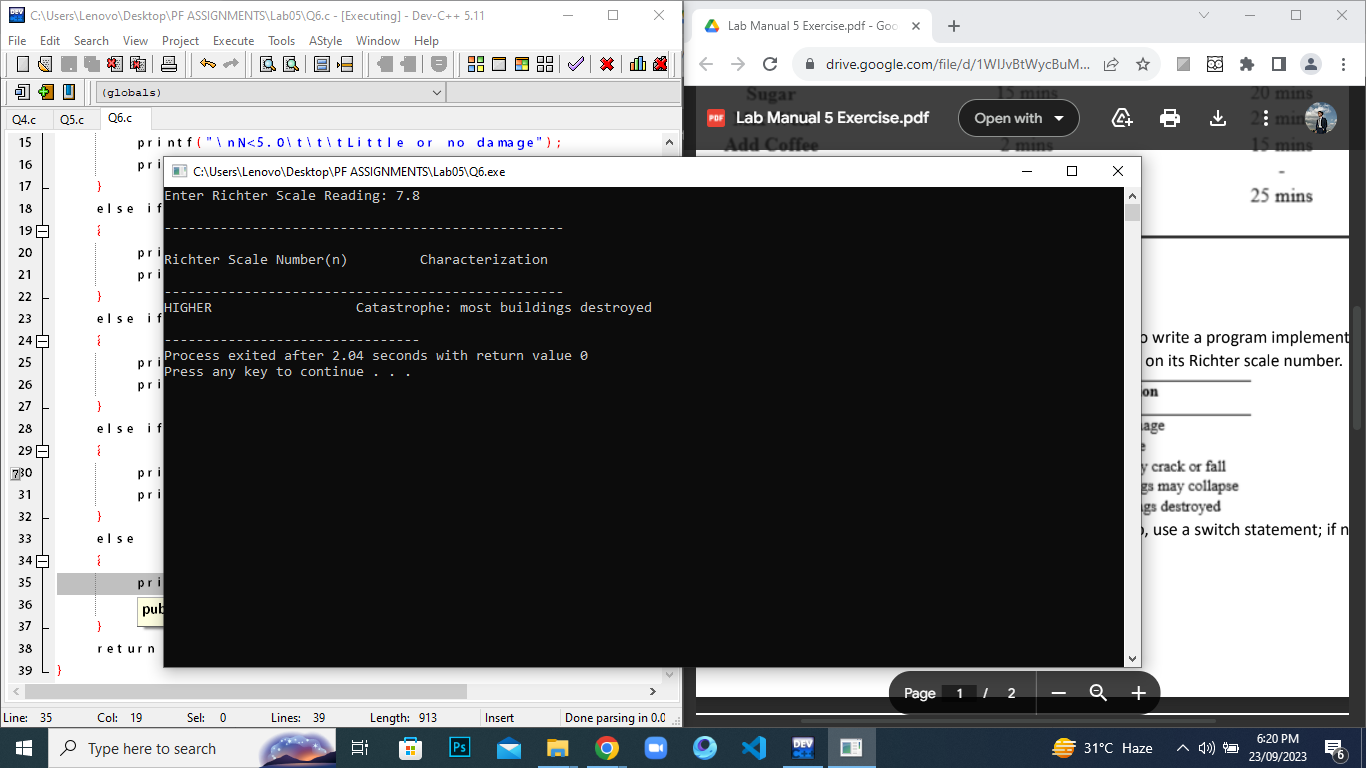
Qno.6 C program to characterize an earthquake



Outputs

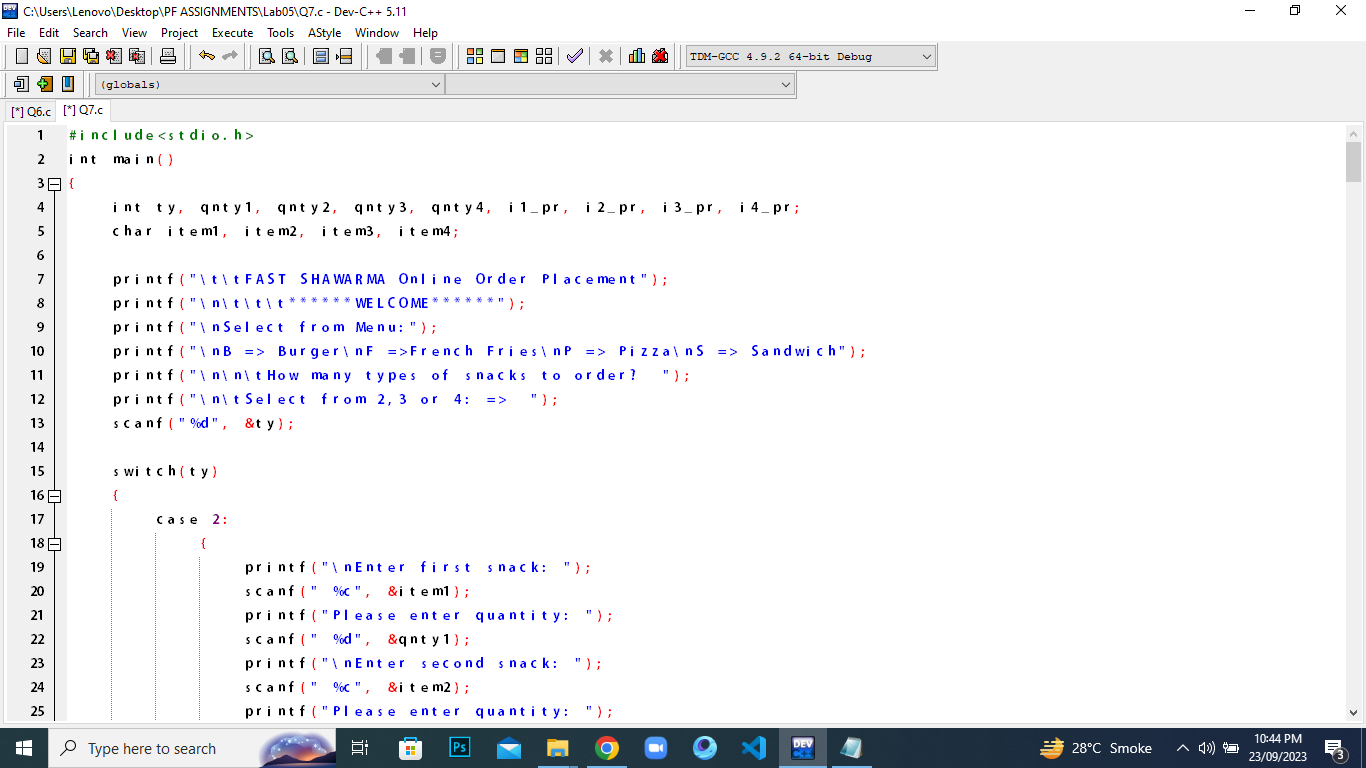


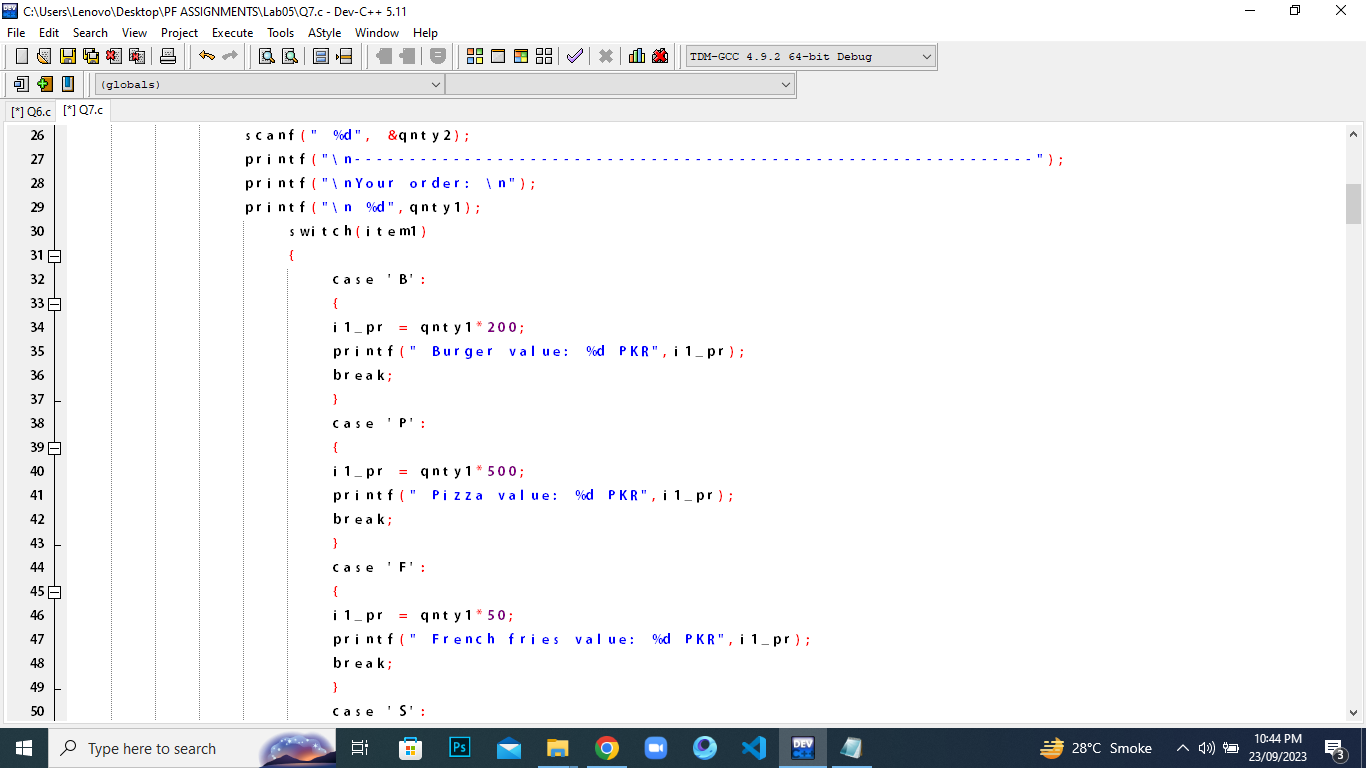


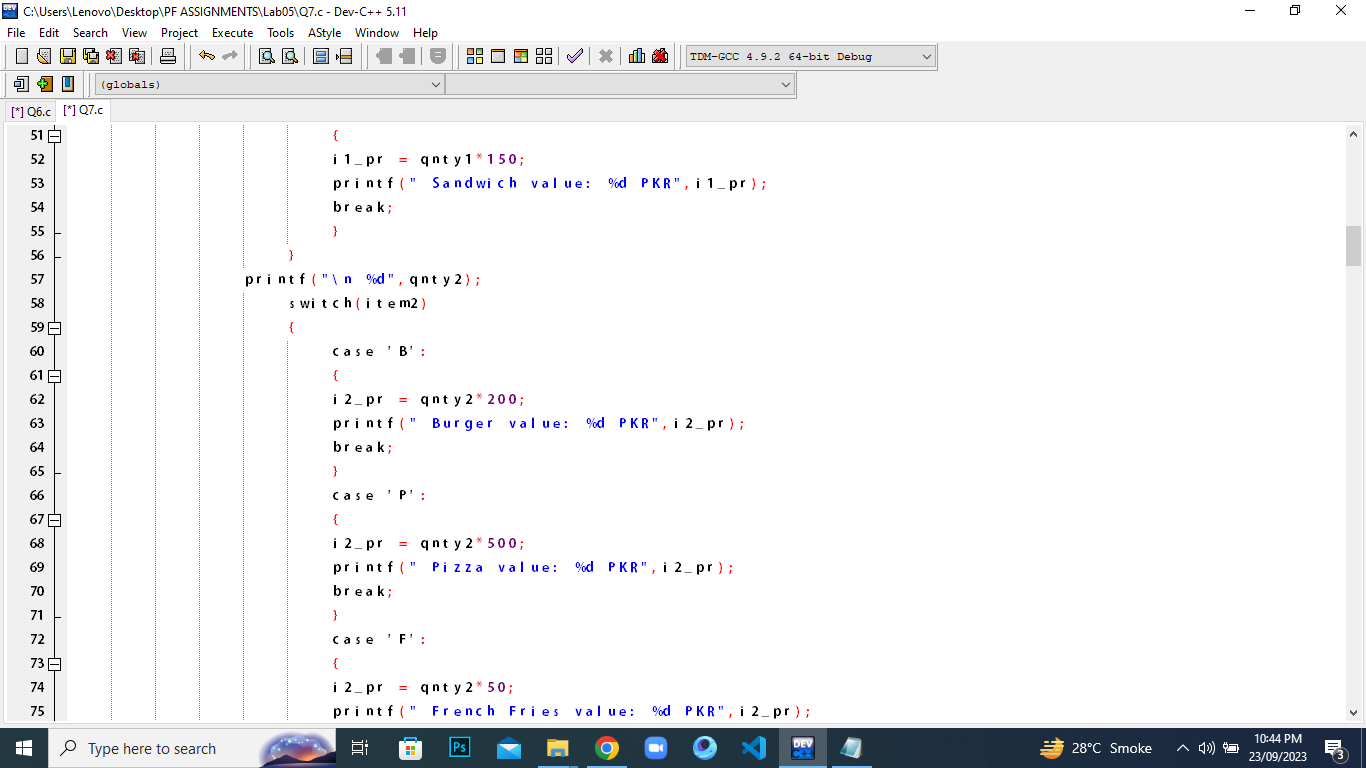


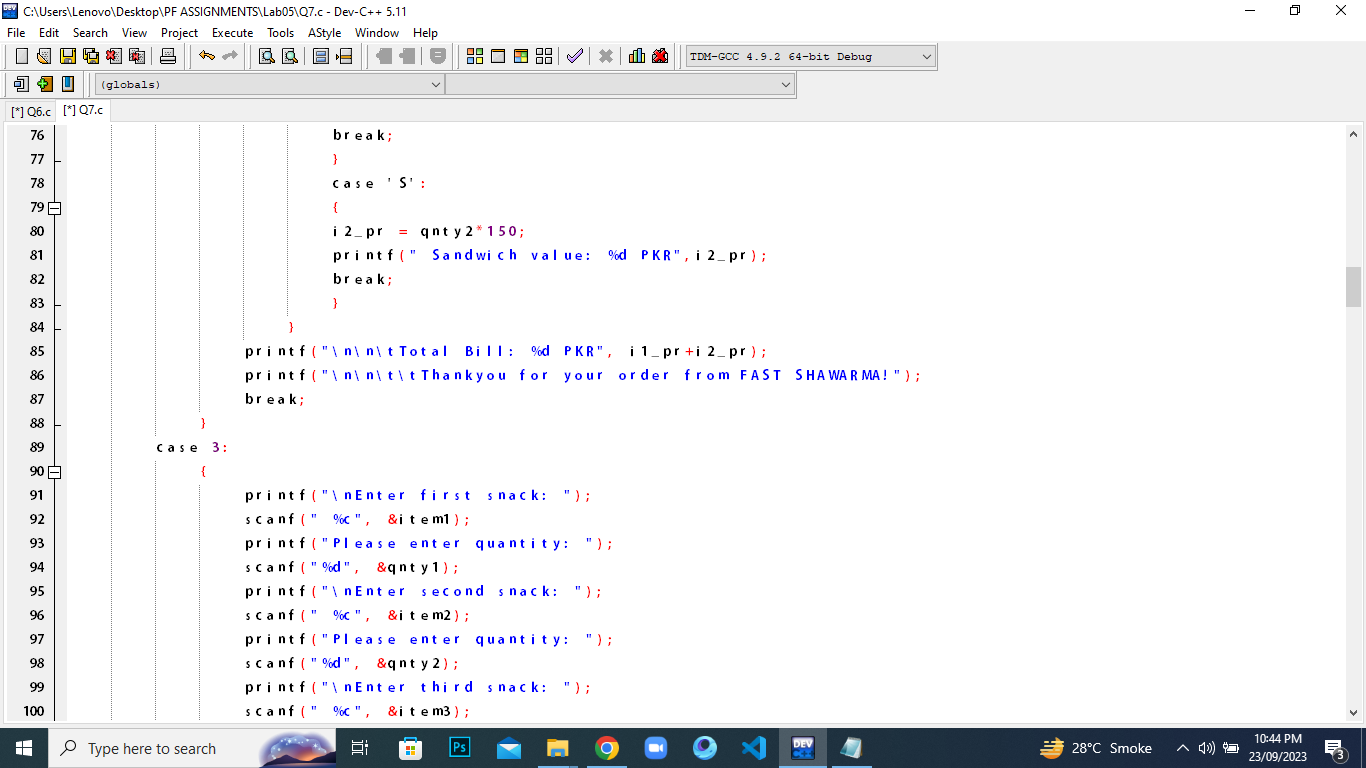
Q. Can we use Switch statement for above Q#6?

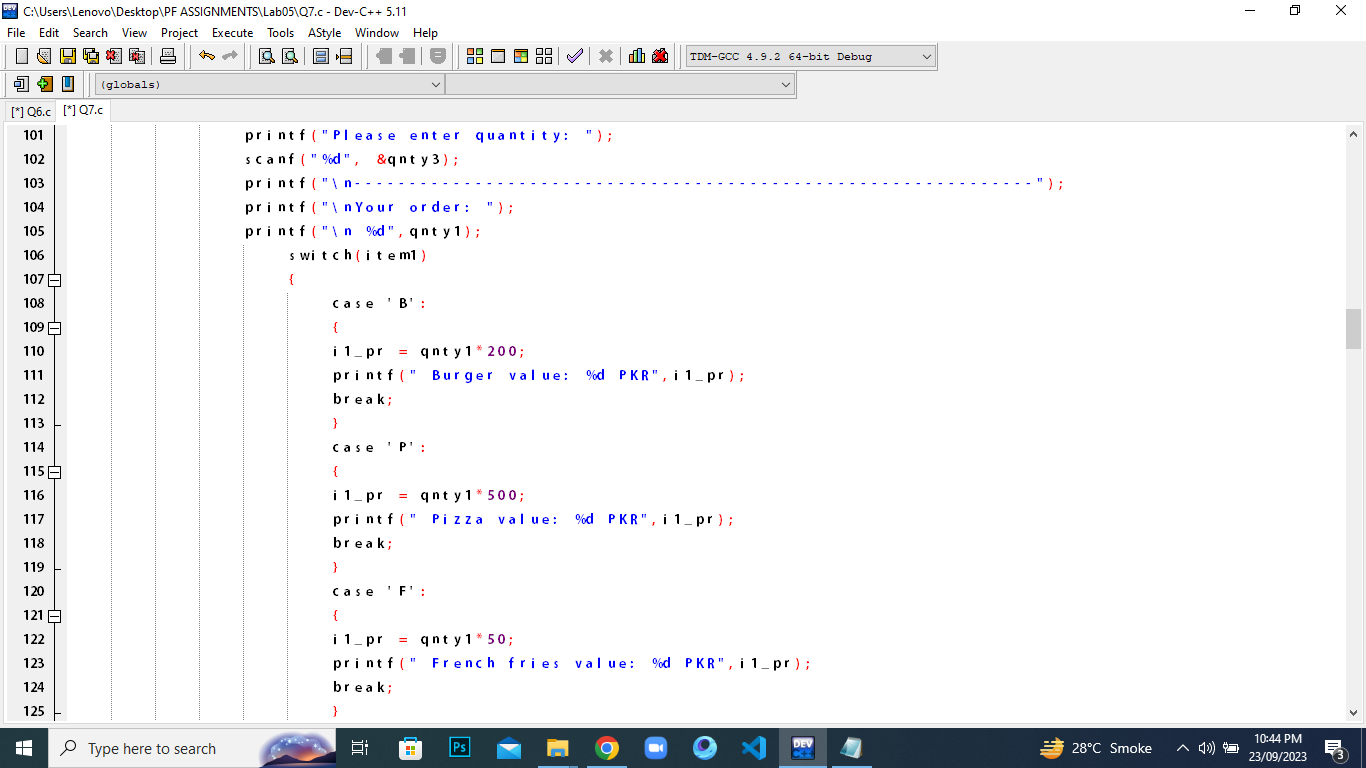
Ans: No, using switch statement for this question is not preferable as switch statement works for an exact value for example x=1. It cannot be used when we need to operate on a range of values for example 1<x<16. Similarly in our question we had to characterize the earthquake based on a specified range of its Richter readings.

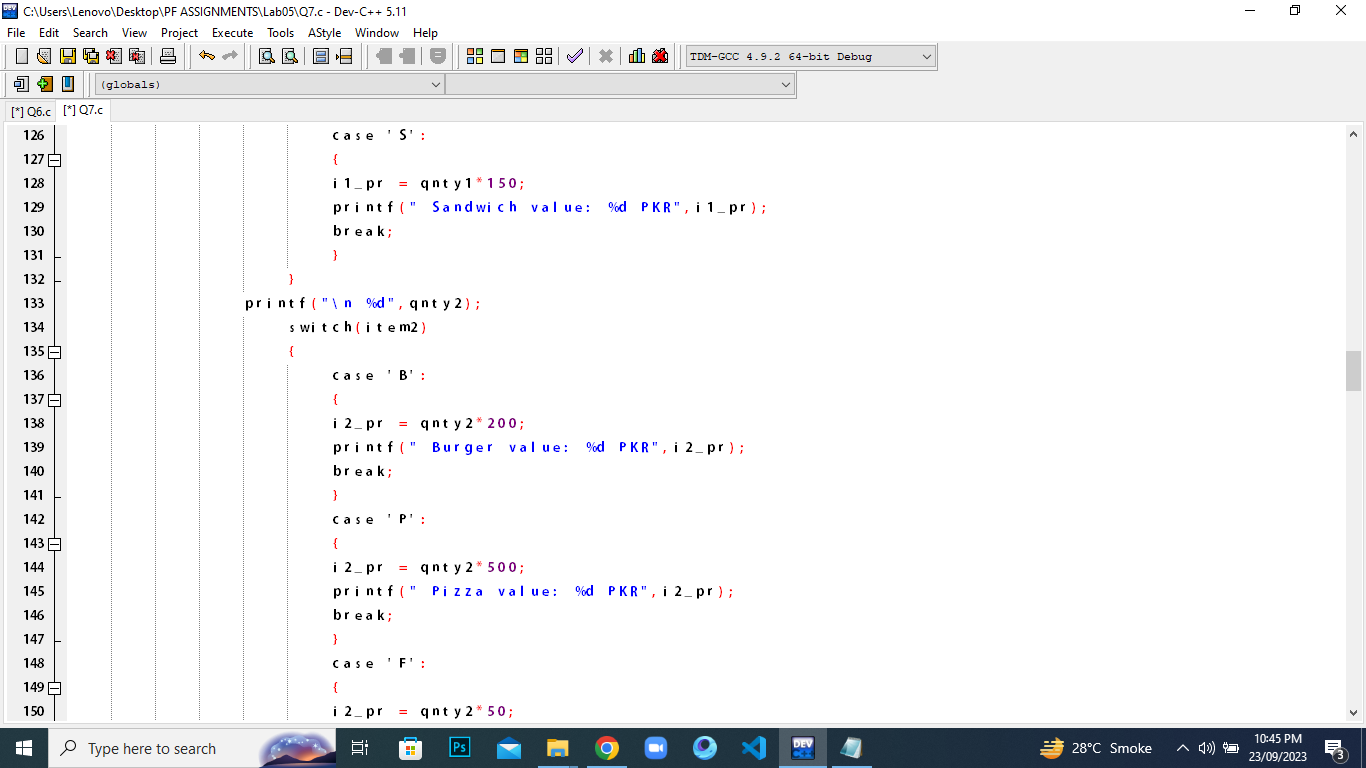
Qno.7 C program to take order from the customer:

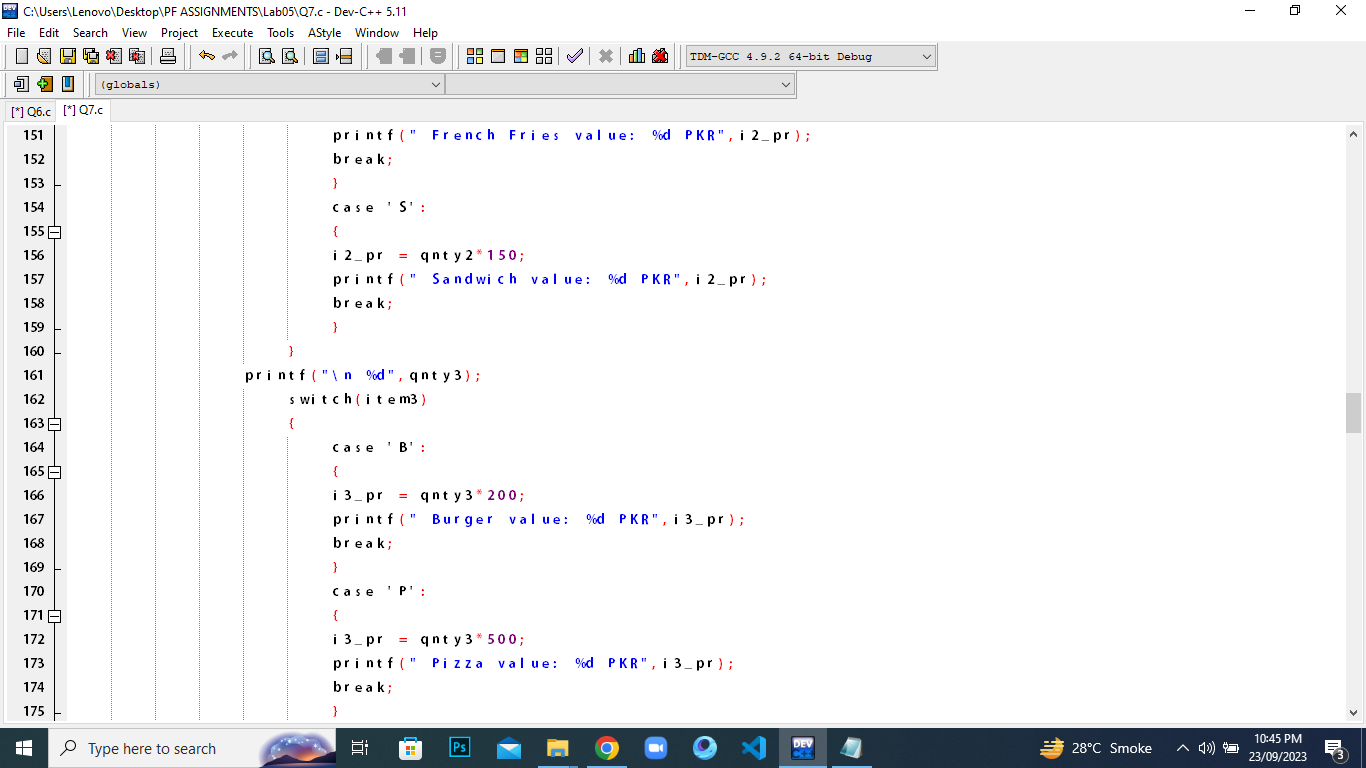


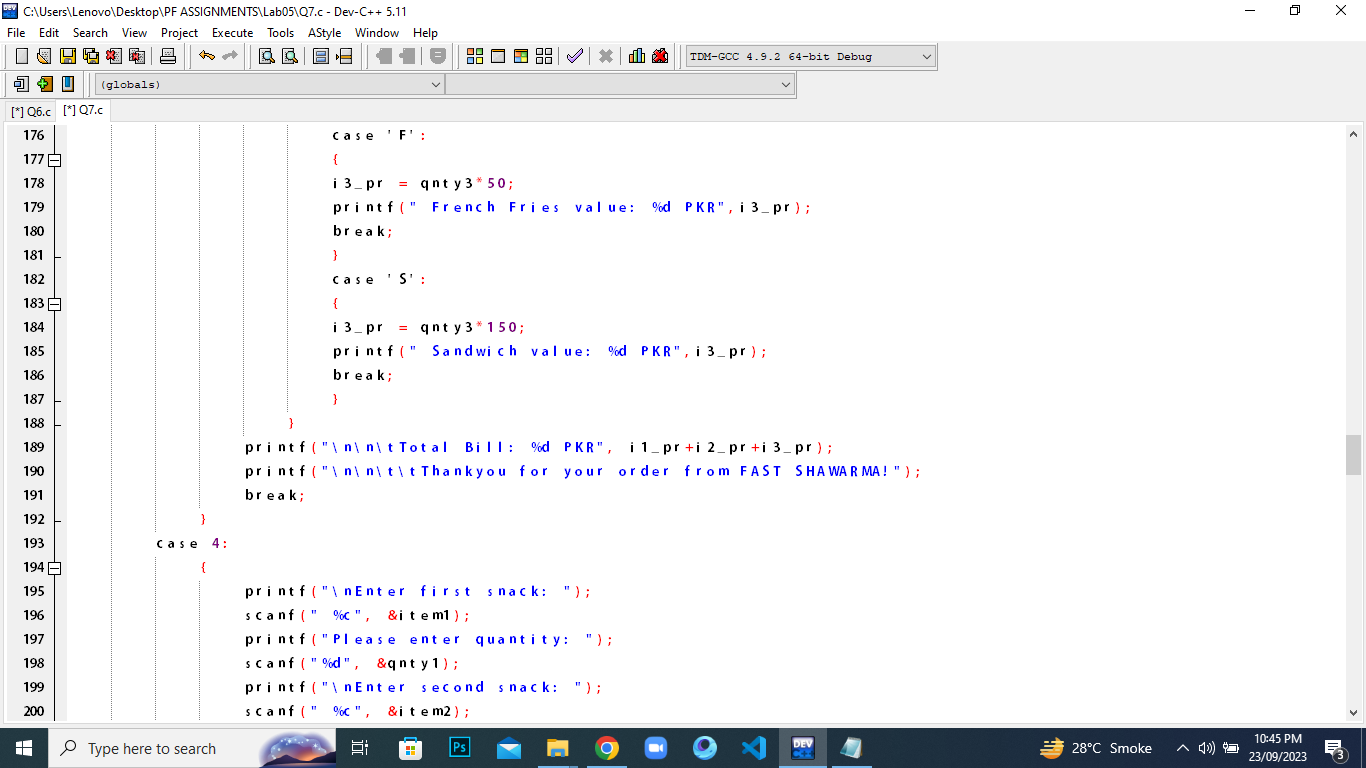


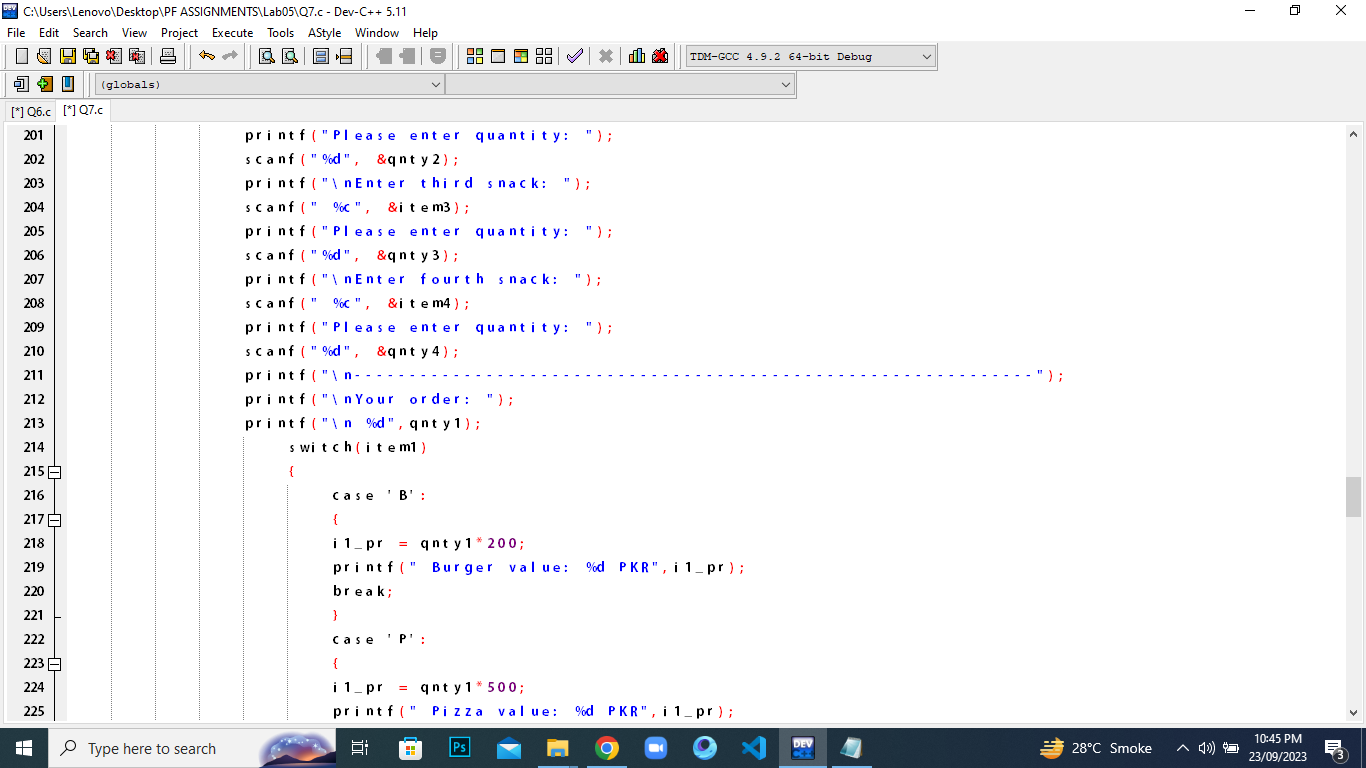


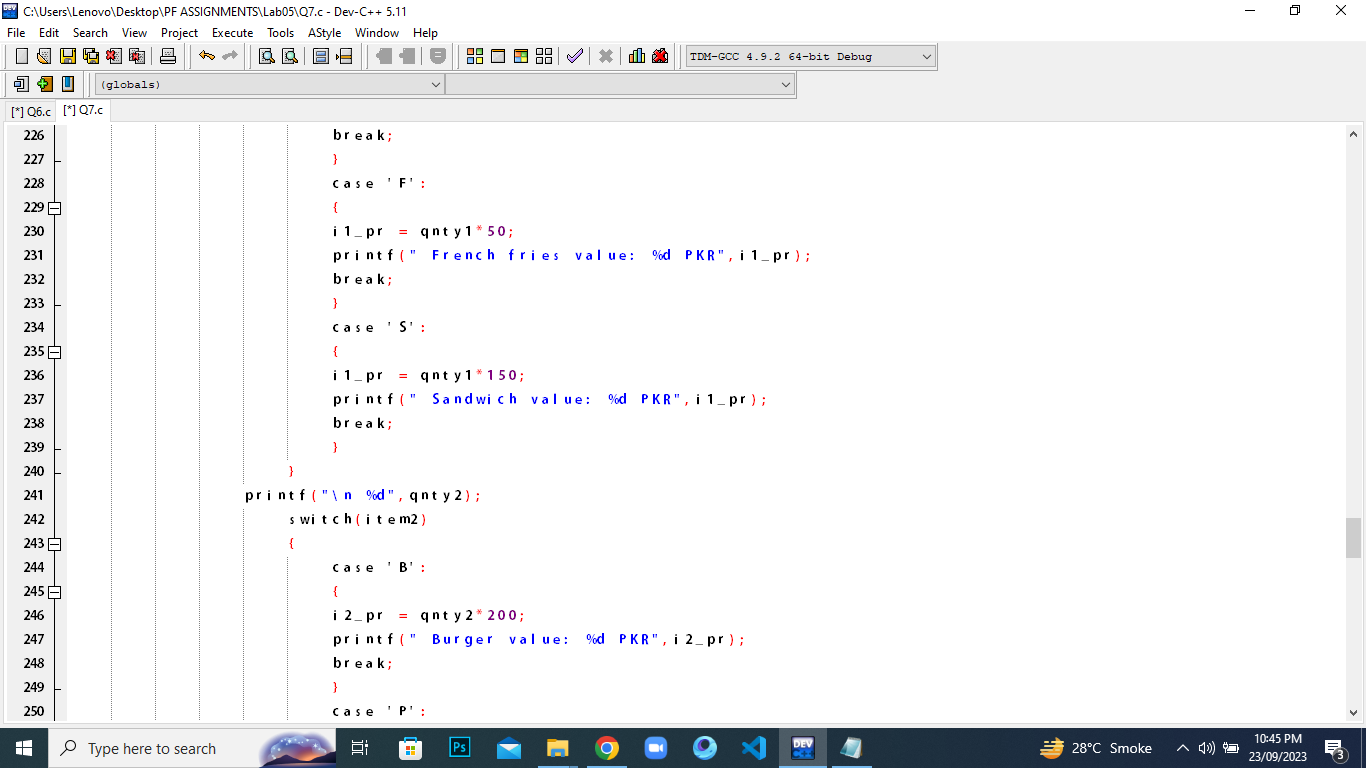


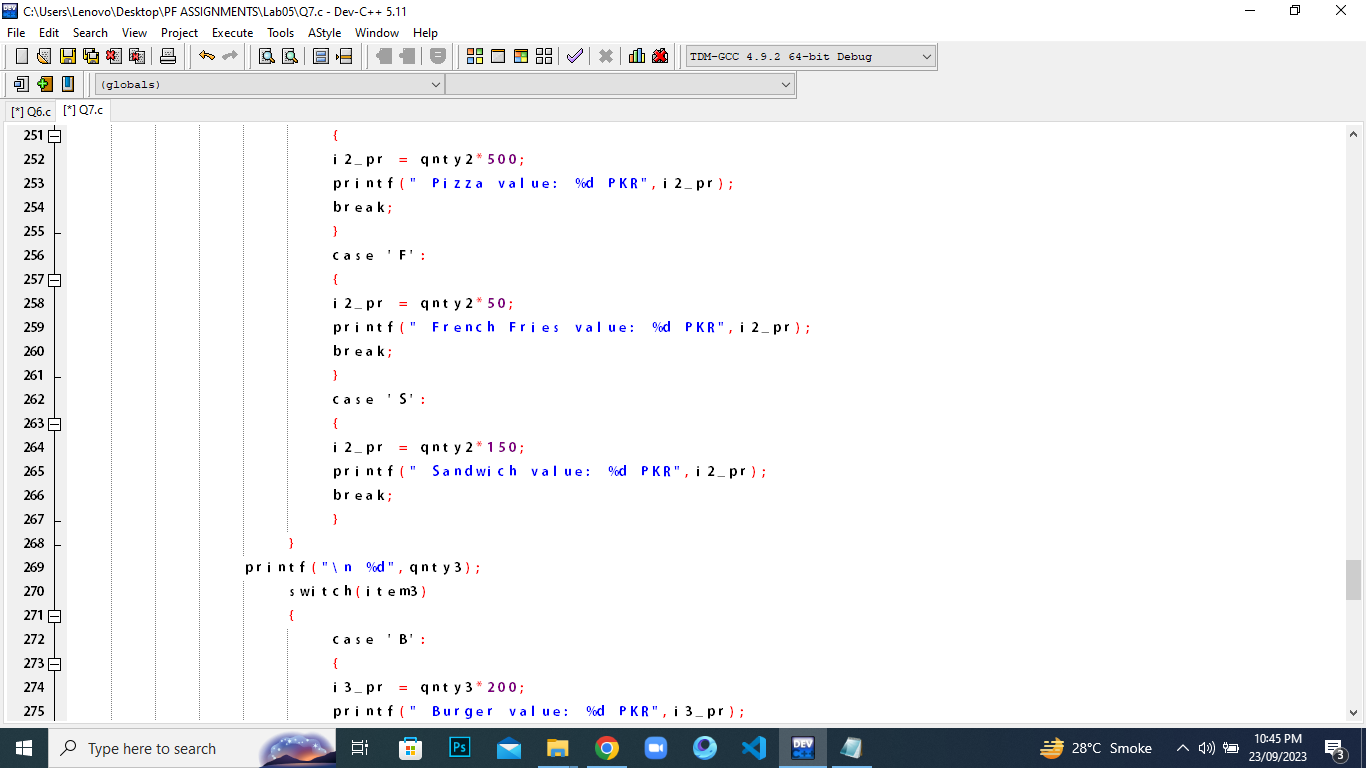


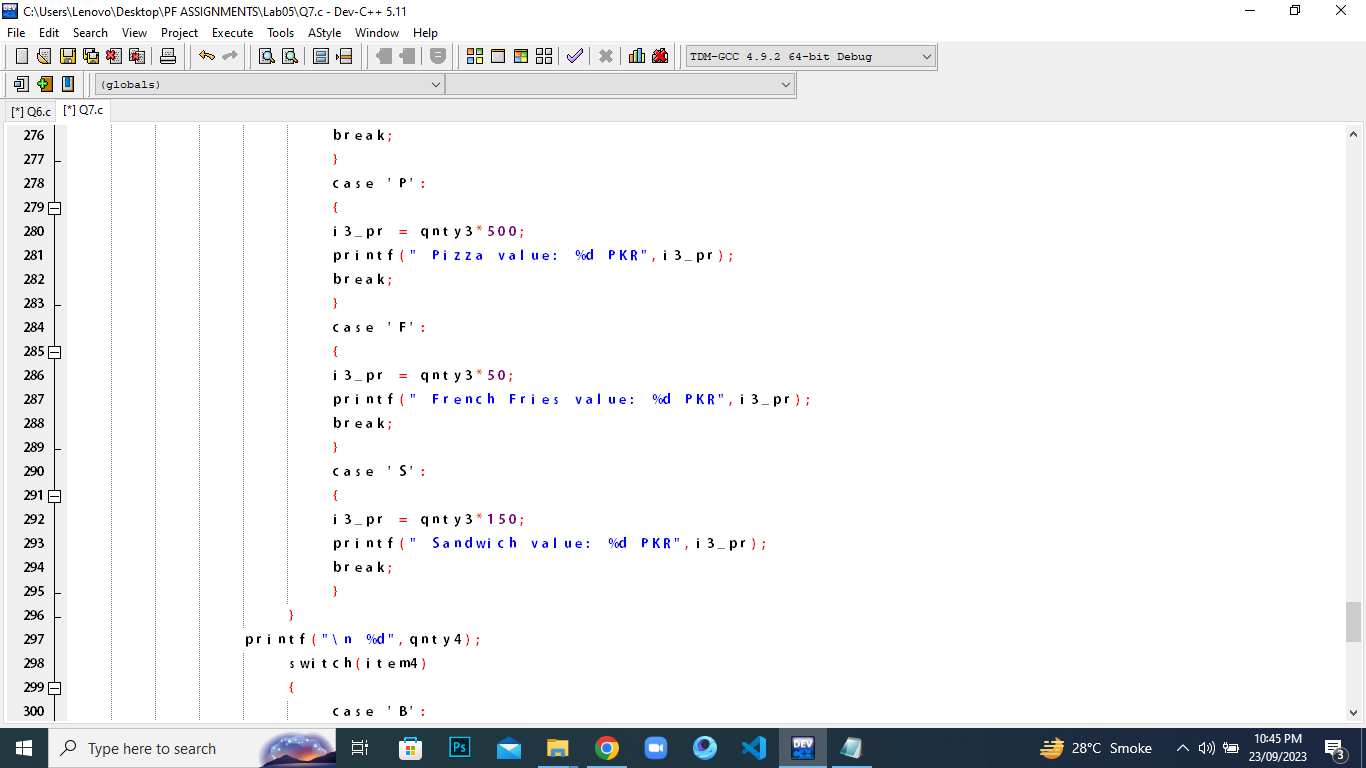


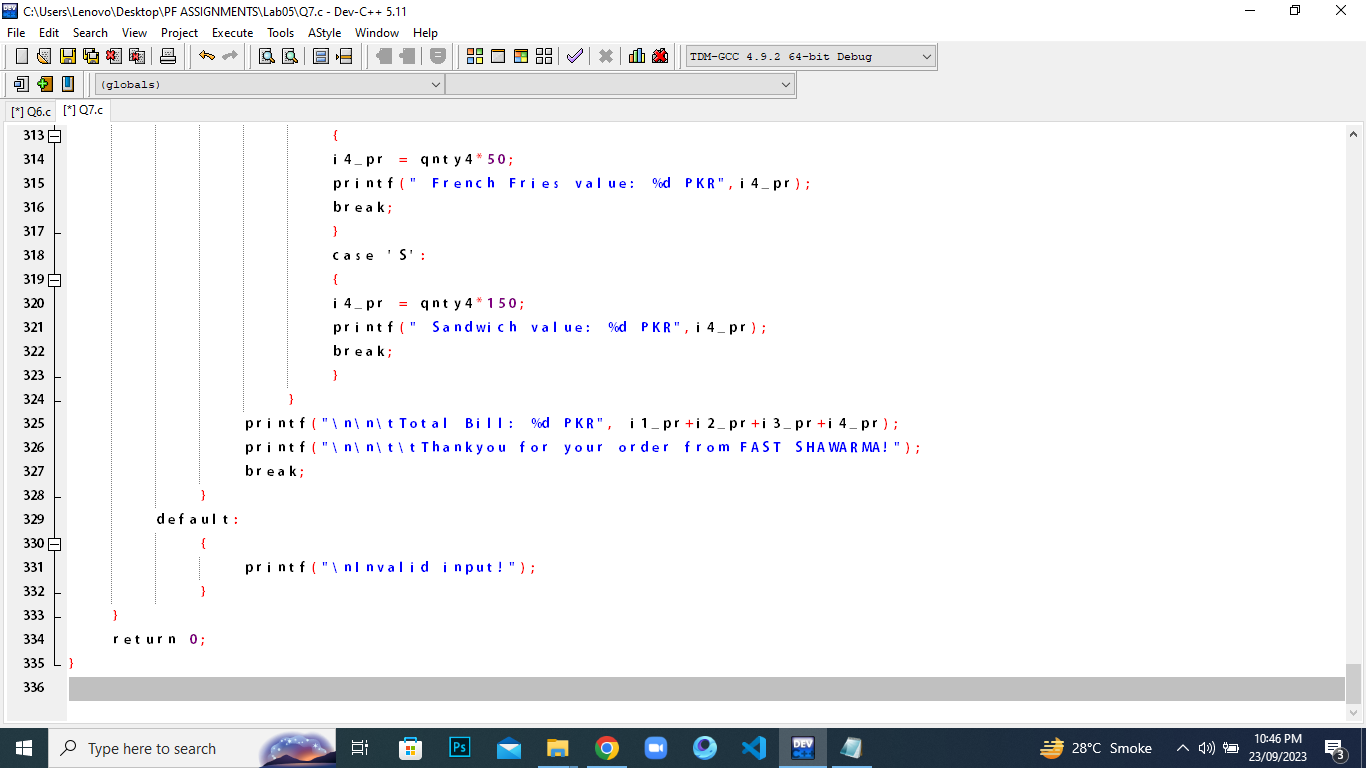
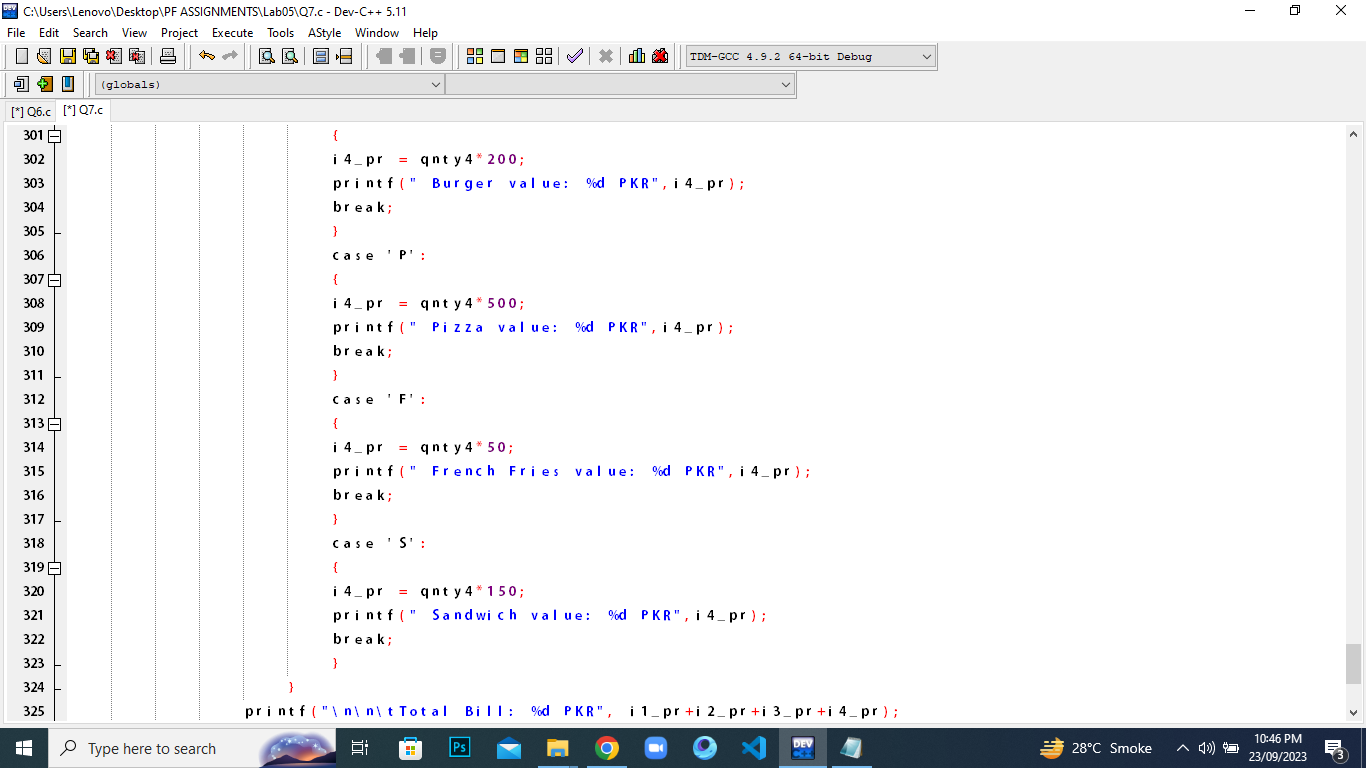












Outputs

