

CSCE1040

Section 304

Summer 2021, UNT

Hello!

My name is **Poli Nemkova**

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Office hours: 2-4pm Mondays, Zoom room id: Nemkova

Our labs are on Tuesdays & Thursdays 1.30-4.20pm

Attendance is not required

Labs' due date are available on Canvas. Lab1 is due

How to find help?

- Zybook (Chapter I: Review of CSCE1030)
- Professor' Lectures
- Ask questions

Lab 0: Reminder

If you took CSCE1030 at UNT, Lab0 should be trivial for you.

If not, make sure that you did Lab0 before LabI.

You can still ask me questions about it.

We will need Putty and WinSP to write/compile code and to download files.

Lab I

- 1) Find the instructions under the Assignments.
- 2) Find the dataset transactiondata on Canvas:

☰ CSCE 1040.304 (10905) > Assignments > Lab1

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Lab1

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Complete this Lab during your assigned Lab period as per the instructions provided in the file linked below

[Lab01Assignment-1.pdf](#) ↓

If you are unable to locate the data file in the instructor directory on the CSE Linux machines, it is also provided below

[transactiondata](#) ↓

On this assignment your code must actually process the data as specified in the assignment. There is no guarantee that the TA's will use the sample data as the data file for grading. Simply write code with output statements that print the sample data directly will not earn a passing score, even if it does compile.

Points 100

Submitting a file upload

Lab I

- Some suggestions (optional)

- Struct in C/C++

```
struct struct_name{  
    //members;  
}struct_instance;  
  
cin >> struct_instance.member;
```

Suggestions (optional)

You need two structs

- One for employee
- One for customer
- Transaction does not need a struct

- Struct array

```
struct struct_name{  
    //members;  
}struct_instance[arr_size];  
  
cin >> struct_instance[index].member;
```

- Pay attention that the instance of the struct is an array, not the struct itself

Lab I

- Some suggestions (optional)
 - This is how you are going to read a line from an input file

Suggestions (optional)

```
While(cin >> type){  
    if (type == 'e'){  
        cin >> id  
    }  
    else if (type == 'c'){  
        \\ do this  
    }  
    ...  
} //while - cin
```

Lab I

- (Optional) Create directory called Lab1
 - `mkdir Lab1`
- Copy transactiondata (input file to your code) to the Lab1 directory
 - `cp <options> <source> <destination>`
 - `cp ~dmk0080/public/1040/labs/one/transactiondata .`
- Compile
 - `g++ lab1assignment.cpp`
 - `g++ -Wall -std=c++11 -o lab1 lab1assignment.cpp`
 - `gcc -Wall -o lab1 lab1assignment.cpp`
- File redirection
 - `./lab1 < transactiondata`