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 1: 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 Lab1.

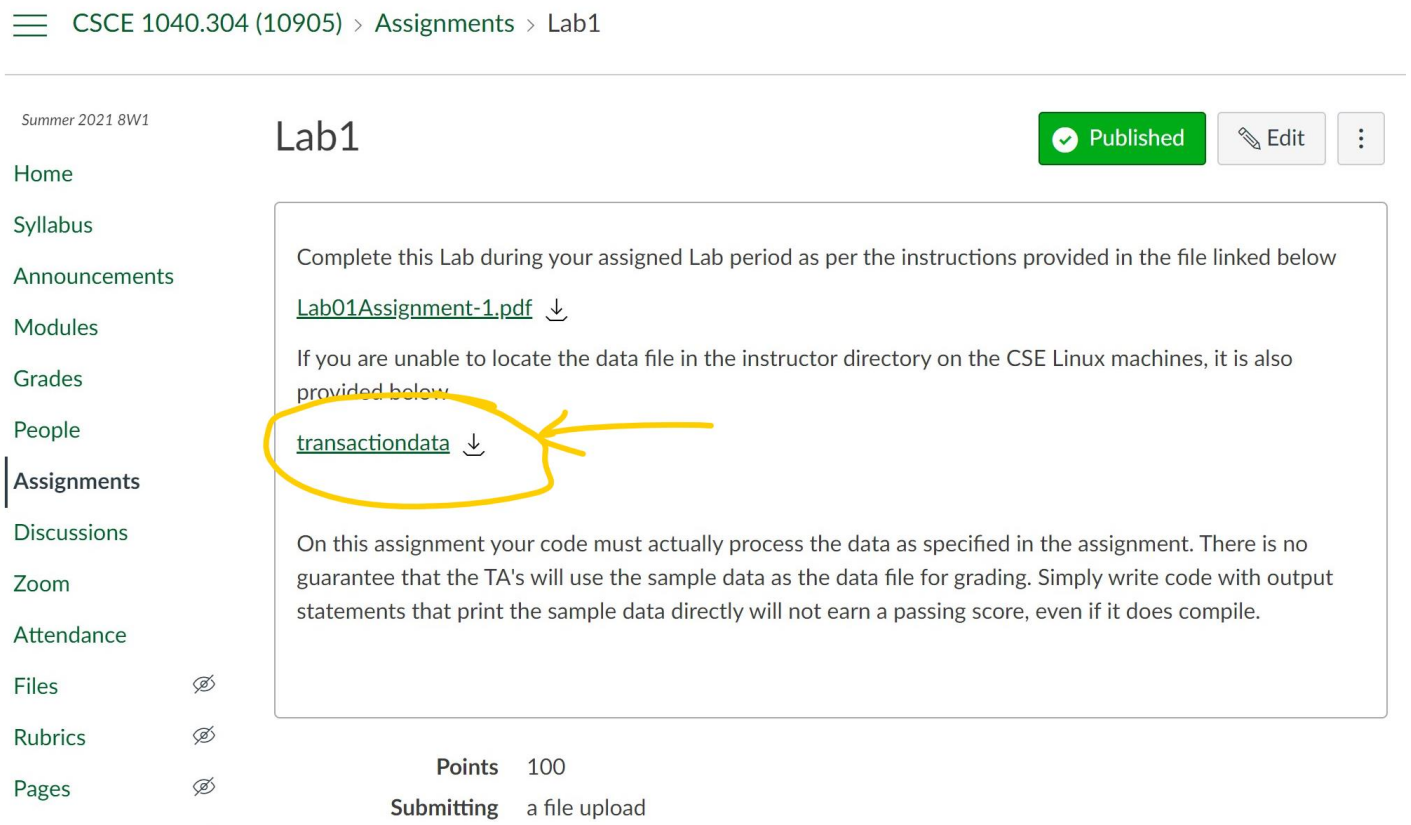
You can still ask me questions about it.

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

Lab 1

1) Find the instructions under the Assignments.

2) Find the dataset transactiondata on Canvas:



Lab I

- Some suggestions (optional)
  - Struct in C/C++

```
struct struct_name{
    //members;
}struct_instance;

cin >> struct_instance.member;
```

  - 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

Suggestions (optional)

You need two structs

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

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