Lab7:
Arrays

UNT CSCE1030 Spring 2021

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Options

The lab is due Friday by 11.59 pm

1. WORK BY YOURSELF: This lab instructions are available on Canvas. If you feel comfortable with this assignment, you can do it by yourself. Ask me to check it in the very end before you submit it.

2. WORK WITH ME: Follow the steps I describe on the slide.

What Do We Need to Submit?

Four files for two tasks:

- Lab7A.cpp

- Lab7B.cpp

- Lab7C.cpp

Step1: Prepare the working space

1. Pull up the **.pdf file for Lab6** from your canvas account;

2. Start **Putty** (cse01.cse.unt.edu)

3. If needed, open lecture slides.

Arrays: basics

Array is a collection of values of the same datatype.

Declaration:

datatype name_of_array[int_length_of_array]

For example:

int SIZE=7

floats usd_euro[SIZE]

2D Arrays

1. Imagine Excel sheet – that's a 2D array. Similarly, 2D array has rows and columns.

2. How to declare?
   datatype name**[number_of_rows][number_of_colums]**

3. How to access values?
   name[i][j]

Tips for part C

Bad news: Go for a nested for-loop!

Good news: It's very short code.

Submission

1. Go to WinSCP and copy your files from the CSE machine on your computer.

2. If you want, show me execution of your programs (to be sure that there is no problems).

3. Submit Lab7A.cpp, Lab7B.cpp, Lab7C.cpp on Canvas.