**CSC 110: Lab 12**

**Deadline: 10/ 16/ 2020. 11:59 PM**

**Welcome to the CSC 110 Lab!**

Welcome to another exciting semester of Computer Science! The **CSC 110** lab that you are taking has a goal of kick-starting students in Java by introducing them to the basic syntax and useful/essential features of **Java**.

**For today’s lab, you’ll be practicing the following skills:**

* **Strings in Java**

**Instructor Expectations:** When working through the CSC 110 labs, you will often need to ask me questions and share your screen on Zoom to check over your progress and OK your progress. The labs will include two important parts, the **Lab Instructions and the Tasks to Do.** Please read them carefully.

**Lab Instructions**

1. Lab attendance is **MANDATORY** to enhance the student’s hands-on experience.
2. The Lab will be posted on **Canvas** in the “**Assignments**” section. Each lab will include **instructions**, a **due** **date**, and a **link** for electronic submission.
3. Please submit your lab work before the submission deadline. Please feel free to upload early and often. If you submit the lab **past the deadline**, then the assignment will be **marked as late**.
4. While you are working on the lab, you need to **share** your **screen** on **Zoom** with me to check over your progress and to OK your progress.
5. You must have code that has good style, header comments for each part.
6. I will inform you what is missing and what needs to be fixed before the **final submission**. You’ll need to make the necessary changes before calling me back and getting the OK to submit your lab work.
7. All lab work designed based on the learned topics and lab time that is means in each lab specific skills will be tested in specific time. If you can’t complete your lab work in the lab session and need more time to work in it let me know by sending an email to me.
8. You are welcome to ask for help outside the lab time. We can meet via Zoom.
9. Please ask for help any time. This is your time to do, learn, and success.

**Tasks to Do:**

1. **Write a Java program to compare two strings lexicographically. Two strings are lexicographically equal if they are the same length and contain the same characters in the same positions.**
2. **Write a Java program to compare two strings lexicographically, ignoring case differences**
3. **Write a Java program to check whether a given string ends with the contents of another string.**
4. You are done!
5. How to submit this Lab. Please follow the following instruction for the submission:

Go to eclipse and take screenshot from your code and the result, then open a new word file and past it there and save your file on your local storge. Name your file as labXX\_firstName\_lastName where “XX” is the number of the lab (“01”, “02”, “03”, etc.).

1. Now, submit YOUR File to the instructor via **Canvas**.