CLC – Assignment 2

This is a Collaborative Learning Community (CLC) Assignment.

The purpose of this assignment is to assess your ability to:

* Implement stack and queue abstract data types
* Analyze and compare algorithms for efficiency using Big-O notation

Watch "Stacks and Queues: The Basics" located in the Topic materials.

Your video should:

1. Analyze and compare algorithms for efficiency using Big-O Notation with clear, correct justification (base your justification on the efficiency of your underlying structure. Focus on the operations of adding and removing elements from the stack and queue.
2. Demonstrate skills needed to implement stack and queue abstract data types by justifying design choices.
3. Incorporate appropriate visual aids to help clarify main points, as applicable.
4. Be between 2-5 minutes in length.
5. Feature both partners.

Submit a document in LoudCloud that contains:

1. Both partner’s names
2. A link to your Loom video (YouTube will not be accepted.)
3. A statement that the work is your own

This assignment uses a rubric. Review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

APA style is not required, but solid academic writing is expected.

You are not required to submit this assignment to LopesWrite.