CSIS303-A3

README

* This assignment is implementing the queue data structure using linked list-based queue in question one, with the queue dynamically grows and shrinks as nodes are added and removed and doesn’t have a fixed size like array and used vector for Question 2 and Singly Linked list again in Question 3. Question 2 and 3 were simply implemented and modified by referencing from the Lectures and Chat GPT. Additionally, each file performs the required operations with the functions from each header file.
* This code packages will be able to run any kind of C++ compiler, however; I used Visual Studio Code for this project.
* The following series of pictures are the outputs from the program.

Question1:

A screenshot of a computer program

Description automatically generated

Question 2:

A screenshot of a computer program

Description automatically generated

Question 3:

A screenshot of a computer

Description automatically generated