

### **Lab 9 - Out of Lab Assignment**

Due Saturday, April 10, 2021, 11:59 PM

Acknowledge your collaborators or source of solutions, if any. Do all of the following.

**Question:**

You need to write a program that is used by a small vegetable store owner. The program takes input from the customers and generates a bill. After each sale the program also increments/decrements inventory.

You will be using linked list to maintain the inventory. When you will be taking input from the customer you need to use linked list to store those.

You need to create a vegetable abstract type. Vegetable type has name, price per pound, quantity and next variables.

You can follow the Case study on “Vegetable Chaining” on Chapter 12.