**Lab Assignment 1**

**CLO 3**

1. Create a class **tuck shop** with following data members:

String Owner

String Food\_Items[100]

Double Price [100]

Int Quantity [100]

**Note:**

* + All arrays are open ended. It is not necessary that they are completely filled.
  + All three arrays will work in synchronization with each other i-e the item at index 0 will have its price in Price array at index 0 and quantity at index 0 of Quantity array.

**Methods:**

Two Constructors (default, four-argument)

set for Owner , get for Owner

display()

addFooditem (?) // Adds a food item, its price, and its quantity in the first available free slot in Food\_Items, price and quantity array

buy (?) //decrement quantity if more than one item is present. If only one item is present then the item should be removed from Food\_Item array.

totalPrice(?) //find total price of all items

ItemWithMinimumQuantity(?)

ItemWithMinimumPrice(?)

**Note:**

Do not add data members at your own.

**Runner:**

In the runner create two objects and all the above functions.