Psuedocode

1. Display table one
2. Prompt the user for the name of the vegetable then set the objects vegetable name
3. Prompt user the enter price of vegetable and then set object price per pound of vegetable
4. Display table two
5. Prompt user for the name of the fruit then set the objects fruit name
6. Prompt user the enter price of fruit and then set object price per pound of fruit
7. Display the shopping menu with the selected fruits and vegetables with corresponding prices
8. Prompt user to enter the pounds of the fruit and vegetable ordered
9. Display order summary created in the user defined class

UML diagram

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| Products |
| -vegetableName: String  -fruitName: String  -pricePerPoundVegetable: double  -pricePerPoundVegetable: double  +SERVICE\_RATE: double = .035  +DELIVERY\_FEE: double = 5.0 |
| +Products()  +Products(String VegetableName, double pricePerPoundVegetable, String fruitName, double pricePerPoundFruit)  +calculateSubtotal(): double  +calculateAddtionalFees(): double  +displayOrderSummary()  +getVegetableName(): String  +setVegetableName (String vegetableName): void  +getFruitName(): String  +setFruitName(String fruitName): void  +getPricePerPoundVetgetable(): double  +setPricePerPoundVetgetable(**double** pricePerPoundVetgetable): void  +getVegetablesOrdered() double  +setVegetablesOrdered(**double** vegetablesOrdered): void  +getPricePerPoundFruit(): double  +setPricePerPoundFruit(**double** pricePerPoundFruit): void  +getFruitsOrdered(): double  +setFruitsOrdered(**double** fruitsOrdered): void |

**Program 3 Test Data**

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| **Items Ordered** | | | | **Expected Results** | | |
| **Vegetable Selected** | **Pounds of Selected Vegetable Ordered** | **Fruit Selected** | **Pounds of Selected Fruit Ordered** | **SubTotal** | **Additional Fee** | **Total Bill** |
| Yellow Onion | 4.9 | Apple | 3.1 | $11.00 | $5.38 | $16.38 |
| Greens Bundle | 49 | Key Lime | 190 | $628.00 | $26.99 | $655.37 |
| Broccoli | 1 | Grape | 1 | $5.27 | $5.18 | $10.45 |