## In Shopping Class:

- run()
  - Scanning for user input
  - Loop for commands
    - Add
    - Remove
    - Check Out
    - Quit
    - Display
  - Pass info to Shopping Bag

## In ShoppingBag Class:

- Linked List or maybe arrays??
- find()
  - Traverse the list/array looking for the item
  - o Return the index, or item, and return null if its not there
- grow()
  - Linked List: add 5 nodes
  - Array: Copy to a new array that is 5 units bigger
- add()
  - Add a new instance of grocery item
  - o Checking size, call grow if need be
- remove()
  - o Remove an instance
  - Shrink if need be
- salesPrice()
  - Calculate the sales price
- salesTax()
  - Calculate sales tax based on taxability
- print()
  - Print the report

## In GroceryItem

- equals()
  - Check if two items are identical
- toString()
  - Print info about an item

## In RunProject1

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