**HW 9- REPORT** Name: Lucy Anderson and Mary Price

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| Question | Test Inputs  (Put **+** for each input if your solution works correctly) | **Difficulty level of the question**  (1-Easy ,2-Medium, 3-Challeging, 4- Very Challenging) | **Time you spent**  (1-Short, 2-Medium, 3-Long, 4-Very long) | **Comments** |
|  | Which platform did you use while compiling your files?   1. Local windows 2. Local Mac 3. Local Linux 4. + Remote Linux server   **Bonus:** Unit test for ShoppingList  **Test Cases:**  +(1) Print listA:  Apple: 20  Bread: 10  Celery: 3  Kale: 6  Kiwi: 16  Lettuce: 8  Milk: 1  Salmon: 4  Strawberry: 2  Tuna: 5  +(2) Print List after remove the item at index 3  Apple: 20  Bread: 10  Celery: 3  Kiwi: 16  Lettuce: 8  Milk: 1  Salmon: 4  Strawberry: 2  Tuna: 5  +(3) Update the 5th item in list quantity as 13:  Apple: 20  Bread: 10  Celery: 3  Kiwi: 16  Lettuce: 8  Milk: 13  Salmon: 4  Strawberry: 2  Tuna: 5  +(4) Print listB:  Apple: 10  Banana: 10  Blueberry: 2  Bread: 3  Celery: 1  Cheese: 4  Kale: 6  Lettuce: 8  Salmon: 2  Strawberry: 1  +(5) Print listA after adding listB:  Apple: 30  Banana: 10  Blueberry: 2  Bread: 13  Celery: 4  Cheese: 4  Kale: 6  Kiwi: 16  Lettuce: 16  Milk: 13  Salmon: 6  Strawberry: 3  Tuna: 5  Destroying nodes ...  All nodes destroyed  +(6) Print cleared listB:  List is empty.  +(7) Print listC:  Apple: 10  Bread: 3  Celery: 4  Kale: 6  Kiwi: 4  Lettuce: 8  Milk: 15  Salmon: 2  Strawberry: 1  Tuna: 2  Yogurt:3  +(8) Print listA after reducing by listC:  Apple: 20  Banana: 10  Blueberry: 2  Bread: 10  Cheese: 4  Kiwi: 12  Lettuce: 8  Salmon: 4  Strawberry: 2  Tuna: 3 | 3 | 4 | We got so many different complier errors. However, once we figured those out the logic errors weren’t hard to fix, but they were very difficult to find even with using GDB. We used a lot of help from both office hours opportunities. The office hours were so helpful and it would’ve been a lot more difficult without that help. |