Q1 Instructions

1 Point

To receive full credit on this quiz, you must score at least 50%.

The Github repo for Lecture 5 is at https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-05

Q2 LinkedStringList

1 Point

Refer to the implementation of LinkedStringList used in class (https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-05) and the following code:

```
LinkedStringList groceryList = new LinkedStringList();
groceryList.add("Bananas");
groceryList.add("Milk");
groceryList.add("Eggs");
groceryList.add("Cheetohs");
```

2. How many Node objects are created?

- ○ 1
- ○ 4
- ◉ 5
- ○ 6
- ○ 8

Q3 LinkedStringList

1 Point

Refer to the implementation of LinkedStringList used in class (https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-05) and the following code:

```
LinkedStringList i = new LinkedStringList();
i.add("A");
```

```
i.add("B");
i.add("C");

LinkedStringList j = new LinkedStringList();
j.add("X");
j.add("Y");
j.add("Z");

// DISCLAIMER: setting the next field or front field from outside the class is not
// at all good practice. It does make for a good quiz question, though!
j.front.next = i.front.next;

System.out.println(j.get(0) + ", " + i.get(0) + ", " + i.get(2));
```

3. What will the above code print out?

- (●) A, A, C
- ( ) A, X, C
- ( ) X, A, Z
- ( ) X, X, Z
- ( ) Y, A, C