

Lab 5

- test cases
 - print out enough from your tests that you can tell what worked (and what didn't) directly from the output
 - include a name / short description and at least either the actual and expected results or a pass/fail message
 - be thorough in your test cases – make sure you find all the bugs!
 - pay careful attention to the expected behavior described in the comments
 - e.g. what should `indexOf` do if there are duplicates?
 - beginning and end – to check for off-by-one in loops
 - empty list or just one element – to check for common special cases
 - no loop iterations vs at least one, manipulating empty sublists – where can things like this come up in `compact`?

Lab 5

- avoid unnecessary loops
 - keep in mind which nodes you have pointers to – you don't have to always start at the head
 - draw before and after pictures to identify what needs to be re-linked
 - once you have pointers to the right nodes in `compact`, re-linking doesn't involve loops
- a loop should have one purpose
 - finding the first and last occurrences in `compact` is two things
 - prefer one loop to find the first occurrence, then a second separate loop to find the last – the logic of each loop is simpler
 - a single loop with an `if` statement to either update first or last is more complex to understand and get right