

Homework 6

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Problem 1. Describe how to modify each of the linked list algorithms if object hash codes are not guaranteed to be unique.

Problem 2. Is the optimistic list implementation still correct if we switch the order in which `add()` locks the `pred` and `curr` entries?

Problem 3. Would the `contains()` method of the lazy and lock-free algorithms still be correct if logically removed entries were not guaranteed to be sorted?