Problem 2

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Problem Set due Oct 21, 2022 07:30 +08 Completed

Problem 2-1

1/1 point (graded)

Indirection, as talked about in lecture, means you have to traverse the list more than once.

- ○ True
- ◉ False

✔

Submit You have used 1 of 1 attempt

Problem 2-2

1/1 point (graded)

The complexity of binary search on a sorted list of n items is $O(\log n)$.

- ◉ True
- ○ False

✔

Submit You have used 1 of 1 attempt

Problem 2-3

1/1 point (graded)

The worst case time complexity for selection sort is $O(n^2)$.

- ◉ True
- ○ False

✔

Submit You have used 1 of 1 attempt

Problem 2-4

1/1 point (graded)

The base case for the recursive version of merge sort from lecture is checking ONLY for the list being empty.

- ○ True
- ◉ False

✔

Submit You have used 1 of 1 attempt

Problem 2

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