

3.1 Algorithms

3.1 pg 202 # 13

List all the steps used to search for 9 in the sequence 1, 3, 4, 5, 6, 8, 9, 11 using

- a) a linear search.
- b) a binary search.

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Use the bubble sort to sort 3, 1, 5, 7, 4, showing the lists obtained at each step.

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Use the insertion sort to sort 3, 1, 5, 7, 4, showing the lists obtained at each step.