Week 2: Helpful Pointers

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DISCLAIMER: There may be other types of questions than what is mentioned below. But often, the following types of questions are there.

- Complexity:
  - Find complexity of the given code
  - Given several functions, find out which function is Big O / Upper Bound, Omega / Lower Bound for which other function; (plots in the book can be helpful when remembering)
  - Recurrence Relations- expansion, complexity

- Binary Search and Sorting Algorithms:
  - Best and worst case scenarios for different sorting algorithms and binary search
  - Code implementation of Merge Sort (optional, might be helpful)
  - Complexities of different sorting algorithms
  - Stable or not; In place or not (refer to the book)
  - Dry runs of different algorithms