Week 2: Leet Code

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1. https://leetcode.com/problems/longest-subsequence-with-limited-sum/description/
   a. Difficulty - Easy
   b. Hint:
      i. Try to use concepts of binary search and sorting
   c. Try solving the problem in O(nlogn), instead of O(mn)

2. https://leetcode.com/problems/top-k-frequent-elements/description/
   a. Difficulty- medium
   b. Solve in better time than O(nlogn)

3. https://leetcode.com/problems/sort-colors/description/
   ○ Hints:
      ▪ Very similar to PrPA2
   ○ Difficulty- medium
   ○ Try to solve the problem in O(n)

4. https://leetcode.com/problems/merge-intervals/description/
   a. Difficulty- medium
   b. Hint:
      a. This problem is more about handling corner, error cases. So run your tentative solutions and observe what test cases you're failing.
      b. Note that one interval can subsume another interval.