

Day 6:

1. First missing positive **[Hard]** **[Microsoft, Amazon, Facebook, Apple, Adobe, Oracle]**

<https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1311/first-missing-positive-problem-statement-leetcode/18/module-5-problem-solving>

2. Find numbers with even Number of Digits **[Easy]** **[eBay]**

<https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1459/find-numbers-with-even-number-of-digits-problem-statement-leetcode/18/module-5-problem-solving>

3. Game of life **[Medium]** **[Amazon, Opendoor, Square, Dropbox, Reddit, Adobe, Google, Apple, Facebook]**

<https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1507/game-of-life-problem-statement-leetcode/18/module-5-problem-solving>

4. Kth smallest/Largest Element in sorted array **[Medium]** **[Amazon, Google, Microsoft, Facebook]**

<https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/478/kth-smallestlargest-element-in-unsorted-array/18/module-5-problem-solving>

5. Wiggle sort **[Medium]** **[Facebook, Google, Airbnb, Amazon]**

<https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1337/wiggle-sort-problem-statement-leetcode/18/module-5-problem-solving>

Practice Questions:

6. Given an integer array `nums` and an integer `k`, return the `k` most frequent elements. You may return the answer in any order.
[Medium] [Facebook, Amazon, Microsoft, Apple, Google, Yelp, Oracle]

Practice link: <https://leetcode.com/problems/top-k-frequent-elements/>

7. Given a non-empty list of words, return the `k` most frequent elements.

Your answer should be sorted by frequency from highest to lowest. If two words have the same frequency, then the word with the lower alphabetical order comes first. **[Medium] [AMazon, Google, Bloomberg, Apple, Microsoft, Facebook]**

Practice link: <https://leetcode.com/problems/top-k-frequent-words/>

8. Given an integer array `nums`, reorder it such that `nums[0] < nums[1] > nums[2] < nums[3]....`

You may assume the input array always has a valid answer.
[Medium] [Amazon, Paypal]

Practice link: <https://leetcode.com/problems/wiggle-sort-ii/>