Day 5:

1. 3 Sum **[Medium] [Amazon, Facebook, Microsoft, Apple, Bloomberg, Uber, Google, Cisco, Yahoo]**

   https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1295/3-sum-problem-statement-leetcode/18/module-5-problem-solving

2. Set Matrix Zeros: Problem statement **[Medium] [Microsoft, Amazon, Bloomberg, Facebook, Goldman Sachs]**

   https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1319/set-matrix-zeros-problem-statement-leetcode/18/module-5-problem-solving

3. Count Negative numbers in a sorted matrix **[Easy] [Microsoft, Amazon, Apple]**

   https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1327/count-negative-numbers-in-a-sorted-matrix-problem-statement-leetcode/18/module-5-problem-solving

4. The K weakest Rows in a matrix **[Easy] [Amazon]**

   https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1349/the-k-weakest-rows-in-a-matrix-problem-statement-leetcode/18/module-5-problem-solving

5. Median of two sorted arrays **[Hard] [Amazon, Goldman Sachs, Facebook, Adobe, Google, Bloomberg, Apple, Microsoft, Zillow, Flipkart]**

https://interviewprep.appliedroots.com/lecture/2/interview-preparation-course/1011/median-of-two-sorted-arrays/18/module-5-problem-solving

Practice problems:

6. Given an array nums of n integers and an integer target, find three integers in nums such that the sum is closest to target. Return the sum of the three integers. You may assume that each input would have exactly one solution. **[Medium] [Facebook, Amazon, Apple, Adobe, Uber, Google]**

   Practice link: https://leetcode.com/problems/3sum-closest/

7. Given an array nums of n integers, return an array of all the unique quadruplets [nums[a], nums[b], nums[c], nums[d]] such that:

   - 0 <= a, b, c, d < n
   - a, b, c, and d are distinct.
   - nums[a] + nums[b] + nums[c] + nums[d] == target

   You may return the answer in any order. **[Medium] [Amazon, Bloomberg]**

   Practice link: https://leetcode.com/problems/4sum

8. The median is the middle value in an ordered integer list. If the size of the list is even, there is no middle value and the median is the mean of the two middle values.

   - For example, for arr = [2,3,4], the median is 3.
   - For example, for arr = [2,3], the median is (2 + 3) / 2 = 2.5.

   [Hard] [Amazon, Microsoft, Facebook, Apple, Google, Twitter, Goldman Sachs, ByteDance, Bloomberg, Adobe, Uber]

Practice link:
https://leetcode.com/problems/find-median-from-data-stream/