

Time Complexity:

Tutorials:

1. <https://www.geeksforgeeks.org/analysis-of-algorithms-set-1-asymptotic-analysis/?ref=rp>
2. <https://www.geeksforgeeks.org/analysis-of-algorithms-set-2-asymptotic-analysis/?ref=rp>

Questions:

1. <https://www.interviewbit.com/courses/programming/topics/time-complexity/>

Array:

Question:

1. <https://leetcode.com/problems/flipping-an-image/>
2. <https://leetcode.com/problems/missing-number/>
3. <https://leetcode.com/problems/container-with-most-water/>
4. <https://leetcode.com/problems/find-the-duplicate-number/>
5. <https://leetcode.com/problems/largest-number/>
6. <https://leetcode.com/problems/next-permutation/>
7. <https://leetcode.com/problems/set-matrix-zeroes/>
8. <https://leetcode.com/problems/shortest-unsorted-continuous-subarray/>
9. <https://leetcode.com/problems/find-all-numbers-disappeared-in-an-array/>

Math:

Question:

1. <https://www.interviewbit.com/problems/find-if-two-rectangles-overlap/>
2. <https://leetcode.com/problems/rectangle-area/>
3. <https://www.interviewbit.com/problems/number-of-open-doors/>
4. <https://leetcode.com/problems/factorial-trailing-zeroes/>
5. <https://leetcode.com/problems/largest-triangle-area/>

6. <https://www.interviewbit.com/problems/largest-coprime-divisor/>
7. <https://www.interviewbit.com/problems/count-of-divisors-for-multiple-queries/>
8. <https://www.interviewbit.com/problems/solve-sub-sequences-and-return-or/>
9. <https://leetcode.com/problems/x-of-a-kind-in-a-deck-of-cards/>
10. <https://leetcode.com/problems/hamming-distance/>
11. <https://www.interviewbit.com/problems/finding-position/>
12. <https://leetcode.com/problems/number-of-digit-one/>
13. <https://www.interviewbit.com/problems/sorted-permutation-rank/>
14. <https://leetcode.com/problems/nth-magical-number/>

Two Pointers

Tutorials:

1. <https://leetcode.com/articles/two-pointer-technique/>
2. <https://www.interviewbit.com/tutorial/two-pointers/>
3. <https://www.geeksforgeeks.org/window-sliding-technique/>

Questions:

- Easy:
 1. <https://leetcode.com/problems/intersection-of-two-arrays/>
 2. <https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/>
 3. <https://leetcode.com/problems/squares-of-a-sorted-array/>
- Medium:
 1. <https://www.interviewbit.com/problems/minimize-the-absolute-difference/>
 2. <https://www.interviewbit.com/problems/count-of-rectangles-with-area-less-than-the-given-number/>
 3. <https://www.interviewbit.com/problems/count-of-pairs-with-the-given-sum/>
 4. <https://leetcode.com/problems/valid-triangle-number/>
 5. <https://www.interviewbit.com/problems/find-the-closest-pair-from-two-sorted-arrays/>
- Hard:
 1. <https://leetcode.com/problems/max-consecutive-ones-iii/>
 2. <https://leetcode.com/problems/longest-repeating-character-replacement/>

Bit Manipulation

Tutorials:

1. <https://www.hackerearth.com/practice/basic-programming/bit-manipulation/basics-of-bit-manipulation/tutorial/>
2. <https://www.interviewbit.com/tutorial/what-is-binary-number-system/>

Questions:

- Easy:
 1. <https://leetcode.com/problems/reverse-bits/>
 2. <https://leetcode.com/problems/number-of-1-bits/>
 3. <https://leetcode.com/problems/integer-replacement/>
- Medium:
 1. <https://leetcode.com/problems/divide-two-integers/>
 2. <https://leetcode.com/problems/xor-queries-of-a-subarray/>
 3. <https://leetcode.com/problems/total-hamming-distance/>
 4. <https://leetcode.com/problems/bitwise-and-of-numbers-range/>

Binary Search

1. <https://leetcode.com/problems/search-in-rotated-sorted-array/>

Stack

1. <https://leetcode.com/problems/trapping-rain-water/>