


◀ Back to Study Plan



# Algorithm

In mathematics and computer science, an algorithm is defined as a process or set of rules to be followed in calculations or other problem-solving operations. This practical method is often used in c... Expand



**Algorithm I**

Easy

Medium

Hard

6

1

0

18

13

0

3 / 14 days

## Day 1 Binary Search

**704. Binary Search**

Easy

Array Binary Search

Acceptance 54.7%Completed

**278. First Bad Version**

Easy

Binary Search Interactive

Acceptance 39.9%Completed

**35. Search Insert Position**

Easy

Array Binary Search

Acceptance 42.5%Completed

## Day 2 Two Pointers

**977. Squares of a Sorted Array**

Easy

Array Two Pointers Sorting

Acceptance 71.5%Completed

**189. Rotate Array**

Medium



## Day 3 Two Pointers

## 283. Move Zeroes

Easy

Array Two Pointers

Acceptance 59.6%

Completed ✓

## 167. Two Sum II - Input Array Is Sorted

Easy

Array Two Pointers Binary Search

Acceptance 57.3%

Completed ✓

## Day 4 Two Pointers

## 344. Reverse String

Easy

Two Pointers String Recursion

Acceptance 72.5%

Locked 🔒

## 557. Reverse Words in a String III

Easy

Two Pointers String

Acceptance 75.5%

Locked 🔒

## Day 5 Two Pointers

## 876. Middle of the Linked List

Easy

Linked List Two Pointers

Acceptance 70.7%

Locked 🔒

## 19. Remove Nth Node From End of List

Medium

Linked List Two Pointers

Acceptance 37.1%

Locked 🔒

## Day 6 Sliding Window

## 3. Longest Substring Without Repeating Characters

Medium

Hash Table String Sliding Window

Acceptance 32.4%

Locked 🔒



Acceptance 44.4%

Locked

Day 7   Breadth-First Search / Depth-First Search

733. Flood Fill

Easy

Array   Depth-First Search   Breadth-First Search   Matrix

Acceptance 56.9%

Locked

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695. Max Area of Island

Medium

Array   Depth-First Search   Breadth-First Search   Union Find   Matrix

Acceptance 68.0%

Locked

Day 8   Breadth-First Search / Depth-First Search

617. Merge Two Binary Trees

Easy

Tree   Depth-First Search   Breadth-First Search   Binary Tree

Acceptance 76.9%

Locked

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116. Populating Next Right Pointers in Each Node

Medium

Tree   Depth-First Search   Breadth-First Search   Binary Tree

Acceptance 53.1%

Locked

Day 9   Breadth-First Search / Depth-First Search

542. 01 Matrix

Medium

Array   Dynamic Programming   Breadth-First Search   Matrix

Acceptance 43.1%

Locked

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994. Rotting Oranges

Medium

Array   Breadth-First Search   Matrix

Acceptance 51.1%

Locked

Day 10   Recursion / Backtracking

21. Merge Two Sorted Lists

Easy


Linked List   Recursion

206. Reverse Linked List

Easy

Linked List   Recursion

Acceptance 68.3%

Locked 


Day 11   Recursion / Backtracking

77. Combinations

Medium

Array   Backtracking

Acceptance 61.1%


Locked 

46. Permutations

Medium

Array   Backtracking

Acceptance 69.9%


Locked 

784. Letter Case Permutation

Medium

String   Backtracking   Bit Manipulation

Acceptance 70.5%

Locked 


Day 12   Dynamic Programming

70. Climbing Stairs

Easy

Math   Dynamic Programming   Memoization

Acceptance 50.0%


Locked 

198. House Robber

Medium

Array   Dynamic Programming

Acceptance 45.0%


Locked 

120. Triangle

Medium

Array   Dynamic Programming

Acceptance 48.7%

Locked 

Day 13   Bit Manipulation

231. Power of Two

Easy

Math   Bit Manipulation   Recursion



## 191. Number of 1 Bits

Easy

Bit Manipulation

Acceptance 57.0%

Locked

## Day 14 Bit Manipulation

## 190. Reverse Bits

Easy

Divide and Conquer Bit Manipulation

Acceptance 45.7%

Locked

## 136. Single Number

Easy

Array Bit Manipulation

Acceptance 67.8%

Locked

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