

TIPS FOR  
SOLVING

# Leetcode CODING INTERVIEW PROBLEMS



Himanshu Mahuri



1

## IF INPUT ARRAY IS SORTED THEN

- Binary search
- Two pointers



2

## IF ASKED FOR ALL PERMUTATIONS/SUBSETS THEN

- Backtracking



Himanshu Mahuri

3

IF GIVEN A TREE/GRAF  
THEN

- DFS
- BFS

4

IF GIVEN A LINKED  
LIST THEN

- Two pointers



Himanshu Mahuri

**5**

## **IF RECURSION IS BANNED THEN**

- Stack

**6**

## **IF MUST SOLVE IN-PLACE THEN**

- Swap corresponding values
- Store one or more different values in the same pointer



Himanshu Mahuri

**7**

## **IF ASKED FOR MAXIMUM/MINIMUM SUBARRAY/SUBSET/OPTIONS THEN**

- Dynamic programming



**8**

## **IF ASKED FOR TOP/LEAST K ITEMS THEN**

- Heap

**9**

## **IF ASKED FOR COMMON STRINGS THEN**

- Map, Trie
- Map/Set for  $O(1)$  time &  $O(n)$  space
- Sort input for  $O(n \log n)$  time and  $O(1)$  space



Himanshu Mahuri

# DO YOU FIND IT HELPFUL?



## Himanshu Mahuri

**Share your thoughts in the comment section**

**Tell your friends about it  
Save this post, in case you want to see it again**