

## TASK

repo---> fork/clone-----> upload solved question on it and after completing the entire questions ,make a pull request-----> merge

## RULES

1. before going to code, go through basics of data structure
2. real time application
3. notes----> time complexity, bruteforce--> optimise
4. go through that notes regularly
5. try to speak out loud your thought process while solving problems

## LEVEL 1

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### Arrays

1. searching - linear, binary search --Aditya verma playlist
2. sorting algo -- bubble sort,insertion , selection,merge,quick

always go for bruteforce at first----> optimise

3. 2 sum,3 sum,4 sum-----> take u forward playlist
4. jump game/stair case -- min moves, # of ways -> pepcoding
5. buy and sell stocks 6 variation -> pepcoding
6. quick select --> pepcoding

### Matrix

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take u forward, pepcoding

## STACK and queues

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approach  
pepcoding yt

## LIinked list

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take u forward

## Binary tree

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code library

BST

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code library

Recursion

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Aditya verma

DP

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KNAPSACK AND VARIATION

Egg dropping

LCS AND VARIATION

MCM AND VARIATION -----> Aditya verma

remaining -----> pepcoding

String

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Code library, pepcoding

Graph

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Peppcoding, Take u forward

bit masking

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luv, coding blocks

Backtracking

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pepcoding`

Greedy algo

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Code library