<http://www.programcreek.com/2013/01/leetcode-search-a-2d-matrix-java/>

**solution** https://www.youtube.com/watch?v=ZhG1M\_FzxgI

matrix spiral

**Solution: https://www.youtube.com/watch?v=siKFOI8PNKM**

matrix 90 degree

**Solution: github**

<http://www.programcreek.com/2014/05/leetcode-tic-tac-toe-java/>

<http://www.programcreek.com/2014/05/leetcode-largest-rectangle-in-histogram-java/>

**Solution : Github**

<http://www.programcreek.com/2012/12/leetcode-valid-parentheses-java/>

**Solution: Github**

evaluate expression trees

**Solution: Github**

infix evaluation

**Solution: Github**

islands of 1’s

swap nodes(at a depth) (at every depth)

**Solution: Github**

symmetric tree

**Solution: Github(rec/it)**

kth smallest in bst

merge k lists

serialize and deserialize

**Solution: Gitub**

inorder (iterative)

postorder(iterative)

preorder (iterative)

print all root to leaf paths

root to path sum

median of two sorted arrays

change neighbors of a tree

**Solution : Github**

min height

**Solution: https://www.youtube.com/watch?v=hmWhJyz5kqc**

max height

flatten tree to list

**Solution: rec/it Gitub**

diameter

valid subtree

sorted list to bst

ancestors of a node

**Solution: Github(rec)**

tree from postorder and inorder

zig zag

check if bst is balanced

**Solution: Github**

delete node from a bst

reverse linked list in group of k

odd even linked list

loop in a linked list

atoi

roman to integer

coin change

permutataions of strings

subsets of all strings

subset sum

edit distance

cutting rod

lis

lcs

max sum subarray

max product subarray

lca (bst/binary)

stack with two queues

mergesort

heapsort

quicksort

strongly connected components

number of connected componnets in a graph

initial energy required (gfg)

maximal square submatrix of 1s

**Solution: Github**

Maximum rectangle submatrix of 1s

[**https://www.youtube.com/watch?v=g8bSdXCG-lA**](https://www.youtube.com/watch?v=g8bSdXCG-lA) **+ histogram area**

calculate gcd

insertion sort

selection sort

wildcard matching

lru cache

bfs/dfs

valid Sudoku

stock problem

climb stairs

minimum jumps

water array

weighted job scheduling

house robber

course scheduling (leetcode)

\*n- queens

**Solution: Tushar Roy**

nth Fibonacci

\*next permutation

pascal triangle recursion

tower of hanoi

count all palindromic strings

minimum path from one end to another

maximum diamonds collected from bottom right to top left

\*minimum time for oranges to rot

\*word search

needle in haystack

\*floyd warshall

move all zeros to the front of array

reverse a string

reverse all words in the string

djiktras

prims

intersection of linked lists

merge two arrays/lists

iron man

find element in a rotated array

producer consumer

string reference variables

linked list insert before /after

\*self balancing trees (avl)

\*trie list the words starting with a character

what happens when you click url on browser

what is ARP table? where is it stored?

How to use big data in mobile apps

Dependency injection – struts (lifecycle)

Floating point division

topological sort

min time for oranges to rot

bfs

dfs

directed graph cycle

Floyd warshall

Initial energy required

Merge k lists

Loop in linked list

Odd even linked list

Reverse in group of k

Intersection of linked list

Mergesort

Water array

Maximum sum subarray

Maximum product subarray

Djiktras

Palindromic substrings

n-queens

minimum path from start to end

print all paths root to leaf

root to leaf sum

sort list

iterative deepening

next permutation

house robber

minimum swaps

balanced binary search tree from sorted array