

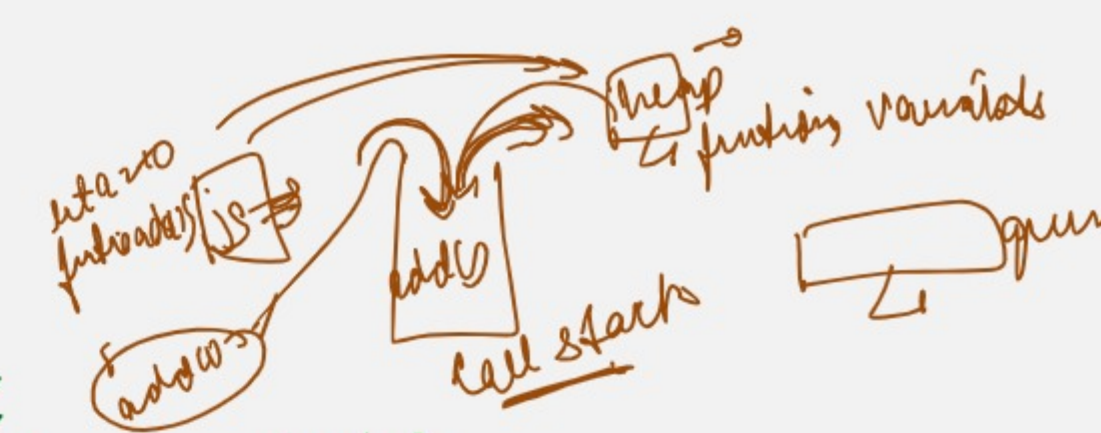
no submit 38
 12 ans of 8-8th

graph DS
 → Dijkstra's algo
 → google maps

searches
 search

DS & useful topics
 C++
 C#
 Java

1 see recording & make notes
 2 Instructive



15-20 questions

1 Flowchart
 2 Pseudo code

1 Understand problem
 2 Given Input/Output
 3 Expected Output

1 Flowchart
 2 Pseudo code

1 search in an array
 2 delete in an array
 3 search in a object
 4 why to solve

1 Algorithm
 2 Logic of algorithm

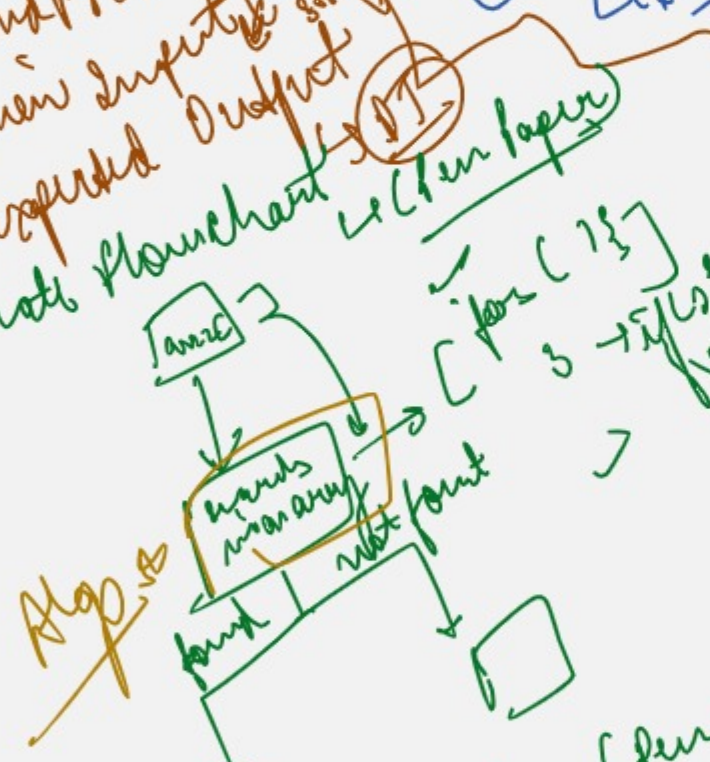
Primitive
 1 Number
 2 String
 3 Undefined, null, boolean
 Non-primitive
 1 Array, objects, class, etc.
 2 Tree, linked list, graph, etc.
 3 class

call stack
 stack, queue, heap
 memory allocation

last in first out
 LIFO
 Stack

FIFO queue

1 question
 2-4 wrong



1 Pseudo code
 2 for loop
 3 for-target

1 [1, 2, 3, 4], target = 7
 output [3, 4] → array [2, 3]
 2 ["hello", "hi", "hi"]
 ["hello", "hi"]

Space & Time complexity
 → never consider input in space
 → min variables created to solve a problem
 → Primitive DT, we consider constant / negligible.