Sorted Array To Balance BST

[1, 2,3,4,5,6,7,8,9] retun; (au, s, mid-1) Remeion * Vectors -> Important Interview Overstrono 1) What is the difference between the buck () & the emblace - back (2) Find the common elements in there given vadors a, b, c in STL using fuilt-in functions $a = \frac{502.36}{2.36}$ $a = \frac{502.36}{2.36}$ $a = \frac{502.36}{2.36}$ $a = \frac{502.36}{2.36}$ $a = \frac{502.36}{2.36}$ * Intersection of two sets.

set $1 = \{1, 2, 3, 4, 5\}$ set $2 = \{3, 4, 5, 6, 7\}$ $0/p \quad s \neq 3 = \left\{ 3,45 \right\}$ $SI \cap S2 \rightarrow$ SIUSZ Search for data : > Array -> Linear Search O(n)
Binary Seach log(n)
BST -> log(n)
cmayest Give me the largost value in an array in constant time. O(1) * Heap -> Mr Heap Mn Heap Conflete Binary Tree: Max Heap LO J CBT Min Heap nodes did are [8,6,1,9,7,4] (teas 800t -1 Mx Heaf mode/child 3c Priority (8) 9,8,4,6,7,1 1,7,4,9,8,6 Min Heap * Create a STL minted waing Drovity-quere But without works, the "greater Lint > comparetor and using your own custom comparator 50% coding Questions > Binaly Search * 20% colling Duestino > Recursion * 10 % (oding Dustion =) Trees 10 % Coding Dustions =) Croaths 10 % coding Question > MITIMINI 2 Arrays, Strings, Dynamic Programming, Creedy Algos, Bit Marking (Binary-Search Futerview Questions Square Root of a number wang BS

Tirst, Last, Total occurrence of number in Assay (11) Peak In A Mountain (1) Book Allocation () Aggressive Cows USearch Element In a 2D Matrix Square Root using Binary Search

n=36? ans=nid 0

36 = Sq (mtn) 3 5 e = m -1 8×8=64 3 x 3 = 9