(28) Fins out whether a machine is by endian a little endian (9) mirror image of binary tree Olo Rotate a matrix. ? about the kth coloumn QN Find xn m lg (n) time (Thorner ner (012) Incorder and post order is given of tree is given you have to construct a tree. Q13 Find the non number of in a floomac' series Oly A Sentence is given, u home to service wass. Our wate a algorithm to Judout the Substring in a sur and find out the number of occurred obso. Olly reverse a string without using any loops. Power of 2 ar not using but wise operations: (018) you have big unsaited like in hard like which is fur for bigger men RAM- Moto would you sout me file

20,12,00 Org unte a cose to Just the largest of 3 nousers me single line.

(20) Allocate memory to a 3d array ising pointers.

Oly ouve a code to invert all odd bits of a number

ught most index of the C.

(022) MAP to Sort a line list.

Oley Juven integer A,B. Cost Determine how many with required to Convert A to B.

nove been rotated left - now give the algo binary search as to find an element in O(egn) time.

(826) you are given an array of integers possitive or -ve Also given another number is to have to find whether the som of any two of the numbers from the array is equal to K in O(n) time.

Rom available is is 1003. How will you Sout the numbers.

and Colomn is in increasing order Scarch for a given no.

	In the arrays:
02	I Given a away of fize MAN in whilh fligt on Nonse
	Souted and last is spale are vacant. Another arres
	A which is Souted. Now mage there two aways a
and the states are special	Optimize it to have complexity M+N.
* 1	Optimize it to have complexity M+N.
Ob	2 An away of size N having now in the range o
	and Con here many duplicates find the duplicates
دق	1 How to find Common clements from two linklist n cans in O(n+m).
	n and in O(n+m).
	The second secon
(Q.	32) How to find Common Ourcestor of two given nod
1	bismy tree
	The state of the s
La	33: write a function that returns a made in a the strong mode on a the
	two parameters: parter to the root nose and
1	harder traveral number of the node we want
1	the only Mannation Stored in the tree is the no
	children for each node.
e a	39 Given an input avery has both the 8-ve n
Bunx	Bus the Subarray with maximum Som.
. Cusur	
- 0	35 Parage of the case of the

Ost Reverse a stack with recursion. west out using ar Out was a program to relate the array short the in Q38 Given an array with rendom 0,1, Sout o's to left and is to bight 139) A Sequence of number is Called a 7:9-200 sequent if me diff. between Successive number strictly alternat between positive and negative. The first difference contractive are to sequence with few than two element is trivially or zig-zag sequence. duo Suppose that you are given a Saited Sequence of distinct number (integer) largar-, and. Give an alegan algorithm to determine whother there exist an mass. Such that a Cij-i-X[1--n] any y[1--n] are 2 Saited array. give $O(\lg n)$ also to find median of the array James by negling the 2 arrays. Our frien a String SI B string Sz, west a function to say unother Se is a rotation of SI. (ay) Criven two positive intega avery a ENJ. But the lagest or clevents with sum (a Co), a Co) hypert!

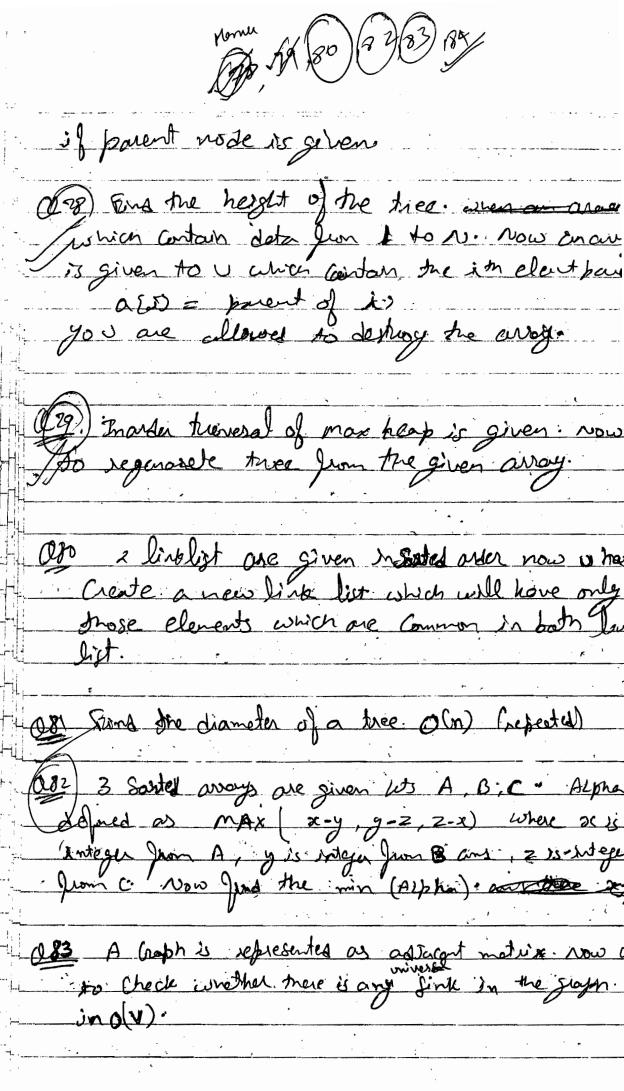
Ony There is an array of size in staring now between 0 to n-3 and 2 mois the repeated. Ring the repeated nois: but now to mantan double link list wing a sing Que wap to punt a 2D away in sphal. Character in a nell turneship shing. are were so remove all dupliate elements from a so (a) wap to Convert

On a a a a -- On bibils -- bn > a 15, au b a color -- Color of time Oso war a program do Jud all palendron 1 Child was a folgran to find whether a bridge to amount of time. OB OAP to find the bemution.

contitue no of but see a my good 57, 57, 56 (5), 59, 60, 61, 62 054) war to serve the but ha wegar (DIT) WAP to Sout the Stack. A Cray and of n bots is defined as a Sequence in bit binary number Soch that there is only 1-bed L'Herence between them. Futher there is an one-but different between last no and flot number. It is Cayo route a function to generate the gray code Ost was to chart of two binary thees are isomorphic. The trees are isomorphic of they are the same or one can be obtained from the other by a series of flips. A flip across a node is supply it les and light subtree ASS Given a single link list how would you detect If it Contain Cycle. Dig There is an away of n dead nonsers. one non is repeate n/2 times and other n/2 numbers are distinct. Find repeated no m (yet) Compairsons Obe An away of x of n nonser given a nonser m (OZ=mZ=n). Find on I setween oand n. Such that XEIJ+ XUH) 1 - +XEHM) is closest to Obj tind a mondonically increasing depende on ar away. (not necessary contineous)

C6 168 6° are at a distance of 1. Distance of I men that they differ by the insultant deletion a replacement of 1 char. als Give an algo to find the second most the Osy Oriven two binary seach tree, muy to Obt Conveit a binary search tree into a soute Off Traverse a tree and for each note output.
Traverse and poth from the root in terms of a Obs hiven a String we diet. 6 WAP to Con Construct a binary Search tree. A care Stage, g Should have a nearly balanced tree. dynamically we were given two strategies of growing one vedar either increasing its so

2 , 33 , 76 , 77 // Norm , Morrie france by a fixed amount every hime more space was need or by a doubling the vector size when are the space was needed. Compute the Completely of inserting needed into this vector in both the cases. (070) perese a line list at every & interval-mode + serverse (mode * head, int k) 71) You have a list of number X1, X1, X1-- Xn. Populate the list X with Nonser y, x -- m in Xi who product of XIXI -- XII-D X(I+O) -- 2m, what of govern not allowed to usedivision Operatar. (Ola) Solution). Ore Punt the level area from bottom of the the Of 13 Now would you find whother a number is only one traversal of the Linery bree with Sexual of the three: which has messman number of the office of the street of the party of the sexual mute a storetime Code for involve preader 1977 weit a stereline lode for inaxer opieasser



84.85 without using loop of a number \$65,88 (91) 92. Q84 WAP to count the no of buts an an 32 but holger. Of Reversa a 32 bit siteger bits without only tout. OP6 WAP to remove look in a link list. 287 WAP to insert in Soutes double line list. to Shary representation of zoon. integer. power of ?: Que now and stop people during from my talls.

Old war to count the trailing zeros in an Integer.

binary representation of number. Q as now can g stop people dirung from my class. an enteger. 192 po Anoway is given with only o's 8 15. now sorrange all extra o's or is should be at end only. QQ3 Took of heroi.