

- (c) (8 points) Choose the most appropriate data structure for each of the following tasks.
- A. LinkedList.
 B. ArrayList.
 C. DoubleLinkedList.
 D. LinkedQueue.

 F. LinkedStack.
 G. BT.
 H. BST.
 J. BPlusTree.
 K. HeapPQueue.
 L. Graph.

Oreced unknown numbers of integers

From Sile, and take input from the user

sum, averge, min, max, product the numbers

answer - Linklud Lich

- 4 take a text from the user and check the spelling from a pre-stored words answer- AVL
- in the emergency servises at the hospital cases are presented according to severity of the case. And at the same level of severities apply first arrival. answer Linked PQ

	True or fo	nl se		
Sort	worst case o(nlogn)	Comparison	in place	stable
merge				
Quick				
Radiz			\	1

Egiven this array

\$(5.0) ((3.4), (5.8), (2.8), (3.8), (7.6), (1.7)

Sive the final result after sorting

bubble, heap (sifdown if left child equal Right child take left)

chill

Q Coding

@ Solve it as member of BT

private boolean f(BNodet, Te, int K) depth from t begins from o

theck if the dada e appears in subtree t in depth that is greater

then or equals to K

6 solve it as a user

Q' Meap @-> MCQ =7 Multiple Choice Question

20, 18, 12, 10, 11, 5, 2, 6, 4, 3

@ insert 19

2) insert 1 then 23

3 delete 1 Reg 4 delete 2 Regs

Q, @ MCQ Aul

@ insert. delete in AVL

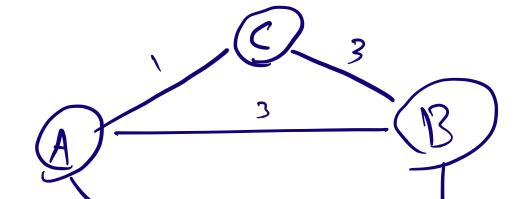
Of MCQ Hash

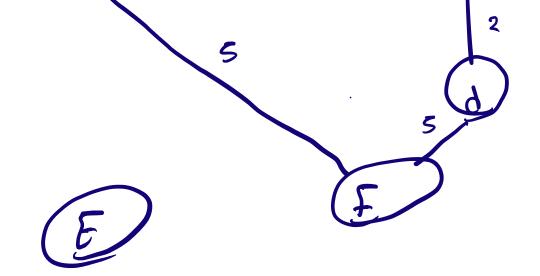
Colliena hashing, external chaining

, coalesced chaining celler 2

% 5 25, 13, 14, 23, 16

D MCQ B+ b) insert, delete in B+ Graph @ MCQ 7 A A 2 3 B <u>_</u> 3 D 5 2 E 5 5





True, false Question

BFS AND DFS

Start from A Corden Alphabetically)