Week-13 - DSA I L'contigous and non contigous - Pata Stracture Garbage collection and worky - Algerithms adv and disadu of Linkellist majable arefinedable - memory allocation - memory lecik Mirarcha Ds - Tagged armay. - compleneity analysis -dolv enel dir out of recousin - asymptotic anylisis CList functions. = Vintual memory. - Big-O-natation L'einculai retennere. - Concepts of array L'hetrogoneous armaj - concepts of hinked List (set, insort, betide, initing) dending (find middle) -- Singly linked list Josenling prodes - Doubly linked 1:5tv Reverse doney. - concepts of stroing - Binary search I - rull dermination. IF, CRLF - Linear Secrety - Recension (Staring reverse) whice c. - application of all structures - Linecol VS non-Linear V + Eypes of ds V - Eupes of memony alberton V Scanned with CamScanner

Week 14. Data stracture I method to prevent collision. Bubble some O(n?) chaining · Insertion sort o(n2) trical probing Selection Sort o(n2) double hashing · Quick sort O(nlogn) and wood factor. Merge sont. O(2009 n) erray vs hashtable got and diadr of thintable VStack (types) adv/dis · Stack BUBILL SONT conditions · Dueue (type) adv/dis Disto Que · Dush and pop in Stack. Enque, Deque in Ques. Hash tables -- 18 *Applications all structures & revenue strong instant

* Deek

* Hable and unstable

* String Revenue using stack e deterministic and unditerministic fractodobefocco stack under Fdow and stack overflow own and stack overflow. own to:1, 6:1, e:1 adivide and congrows strategy. It stack second days adv 2 L using stack and Que. The equeny of offin double enelee Der. I've delete middle element of stank / Valid povanthesis (ED)3) / Hash-Functions * que nevene in recourism. * Finel popurcates kering hach taby Jash values. collision.

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