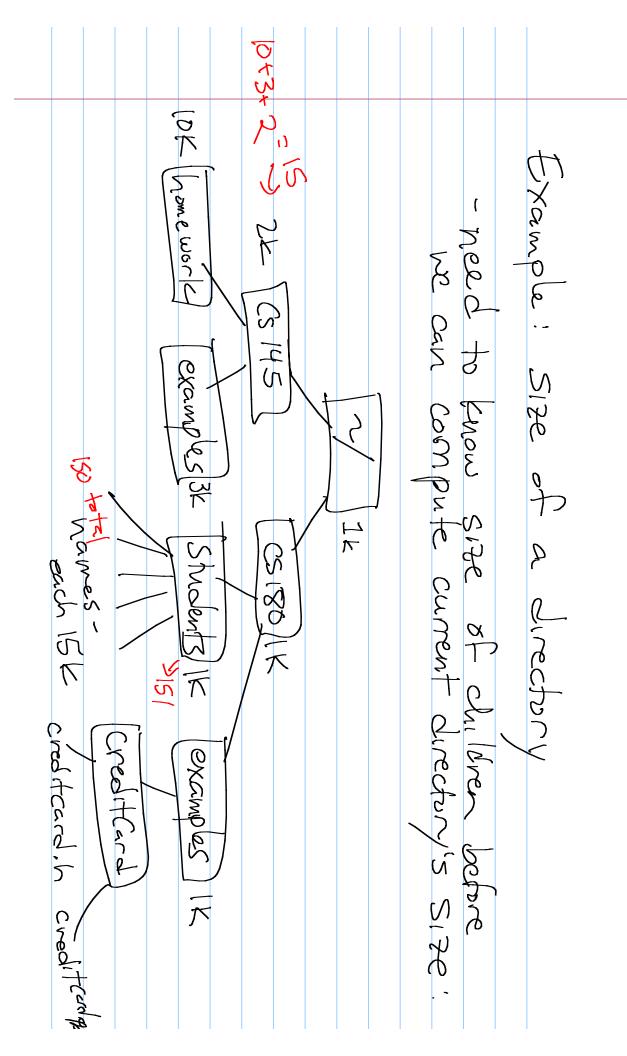
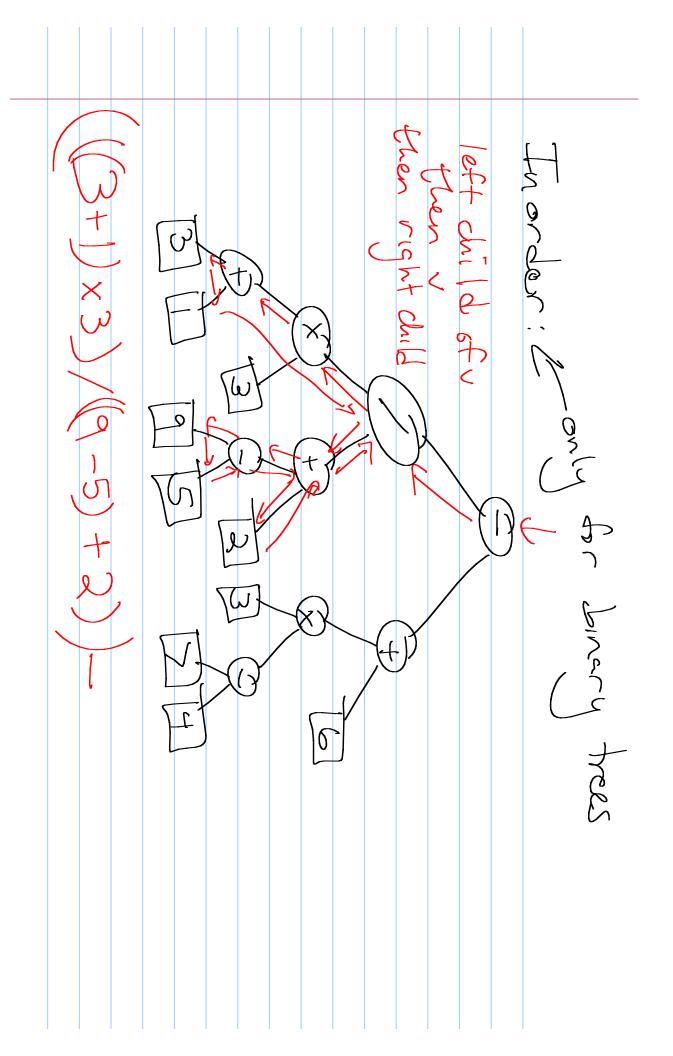
Note Title Amouncements - Next pagram lest the week after next 180 / More Trees is out 10/30/2009

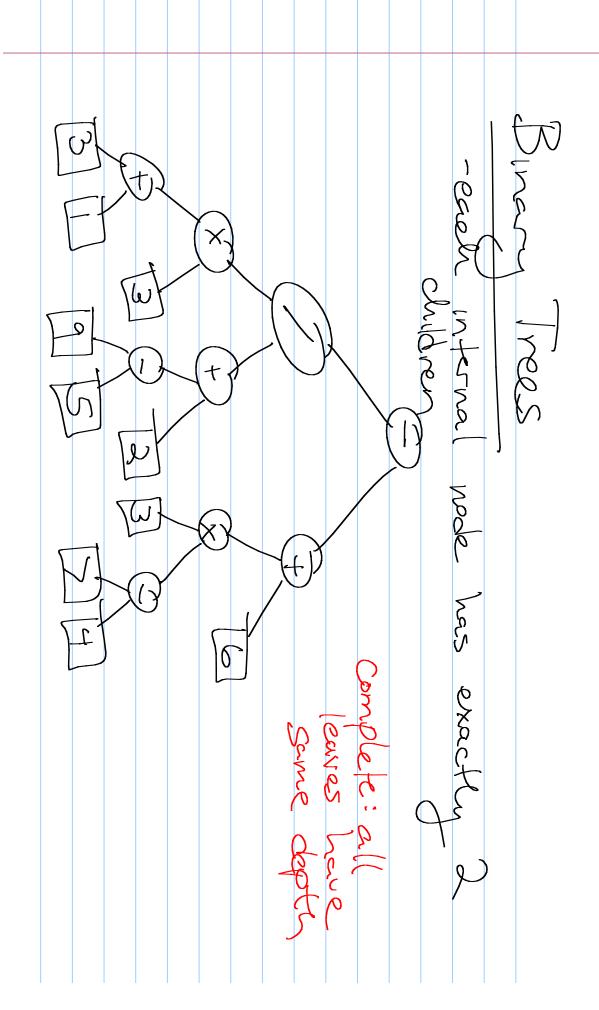
rees stored in a free? Different ways depending - Pre order - Post order raver sals on what is

Title-Abstract -Preorder (T, V): Trut Contents perform "visit" at v: AUSTRICT Taper 5 5

				Ex: height in a tree		perfirm aching a	Postarder /T, w)	for coch child wo of v.	Postorder (TN);	



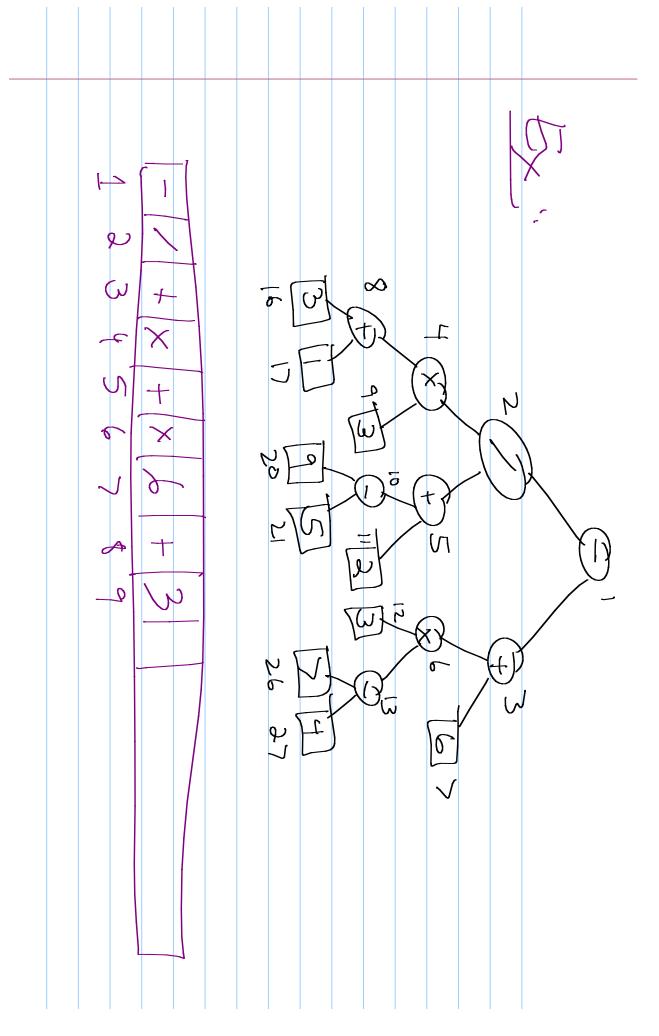




Leve) Representations - It v 15 vish+ -If v is left - If v is left -It v is the numbering levex5 Note: "levels => 2'-Complete \mathcal{O} Direct trees: nodes

- It us reht - If v is left > Child of u, p(v) - 2 p(u) -If v is the 17 Not ∞ 7 t M φ 1

What type of underlying structure thw? Orivate: array 1941 Swaxsize based implements tor



went inco representation tdwantage 1, sadventase; tast 0) Morc 200 2200 ۵ 5 irray basec Nucl ١

Altornature: Struct Node * 1 Node(): element(Object()) { parent=[eft=right=NULL] Linked structure (for binany) olemont, Jeft.

sort based すっていて tx; Standby 100 S Values - Mames of Syson Xuene order of request, or trees. Hyer values Tist data stored 4 people ᡘ High

rote about Properties: ant-symmetic: reflexive proper Prensitue property: k=k hoss tens: tons It k, skz and A 11 K2 Compare

T. Q. ADT:

Methods:

- Insert Ttem (120)

min Flement () : returns the element

remove Min(): removes element with MICHALL TON

these brang tree an anay