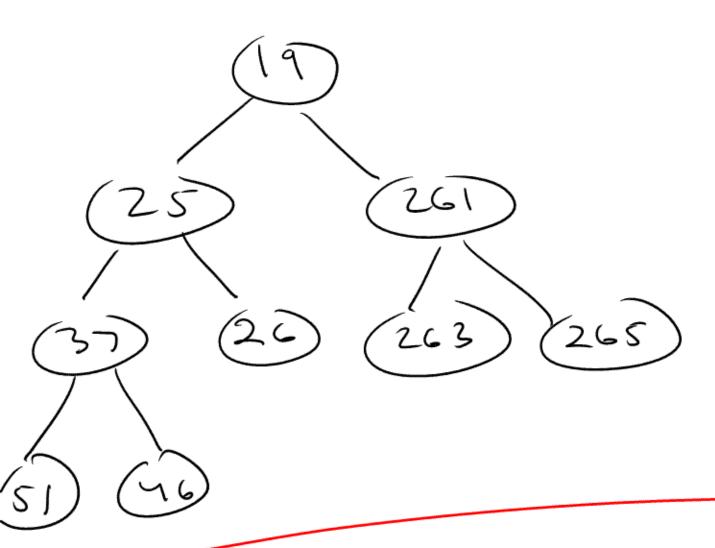
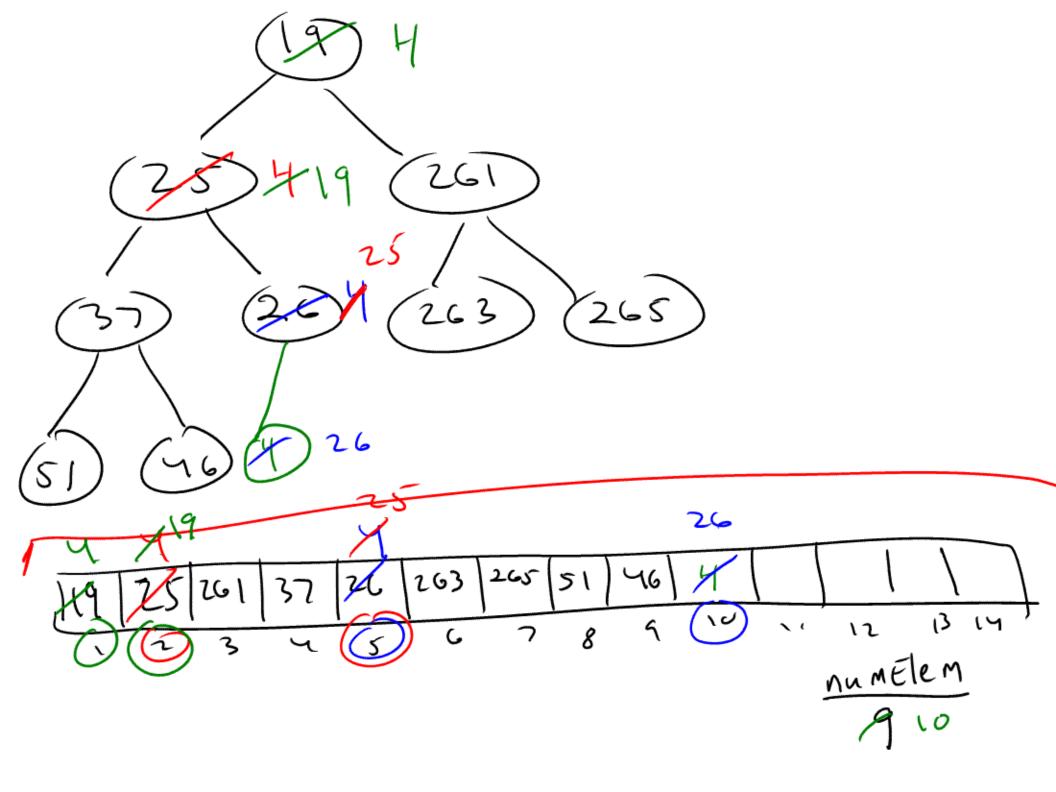
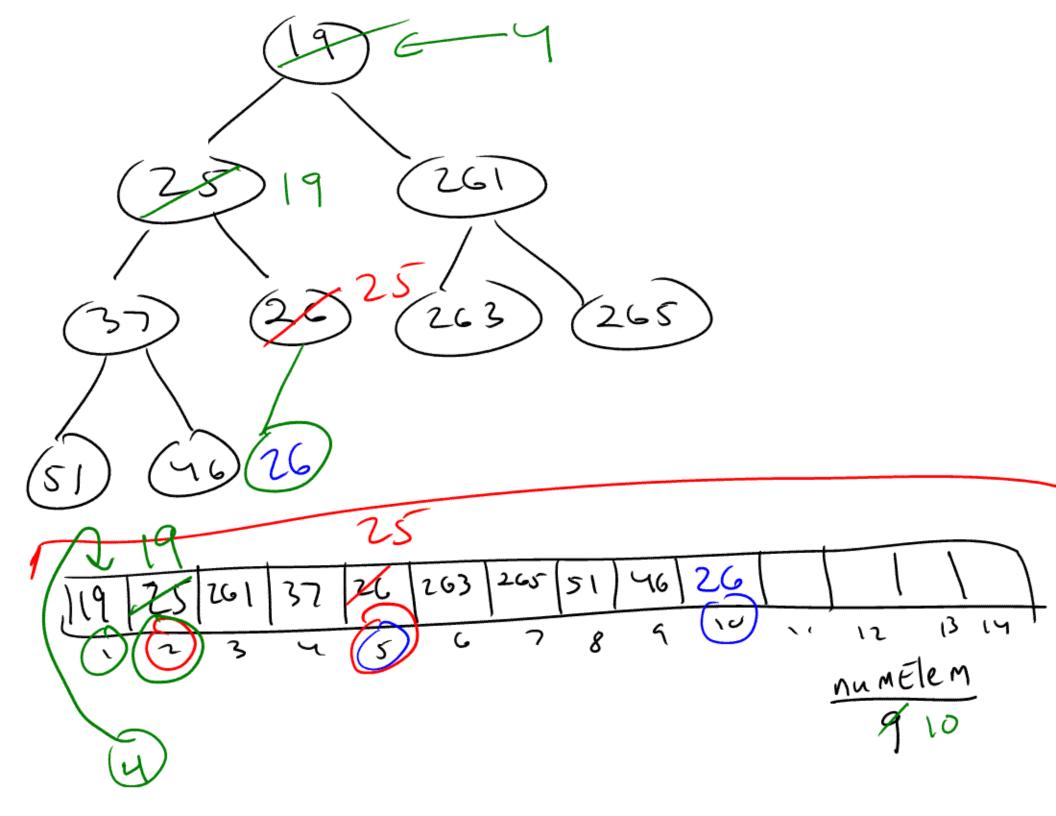
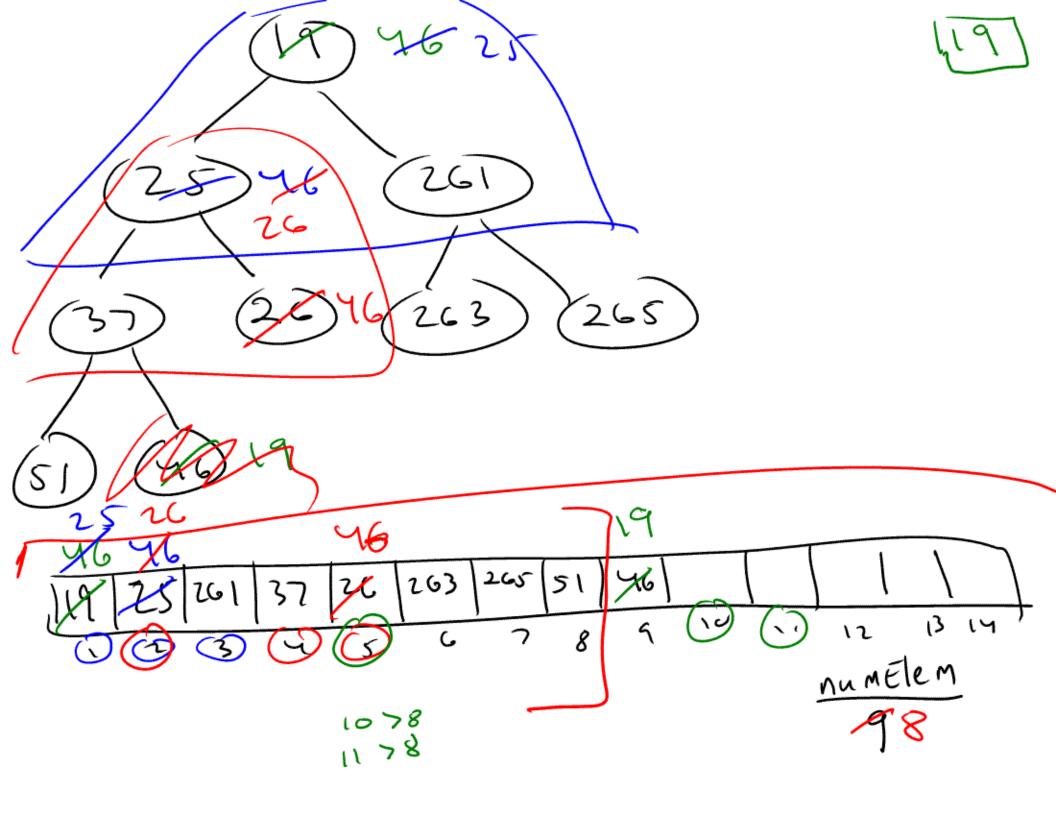
100 Lef+ (h. 12(i) = 2 i Rish+ Child (i) = 2, '+1

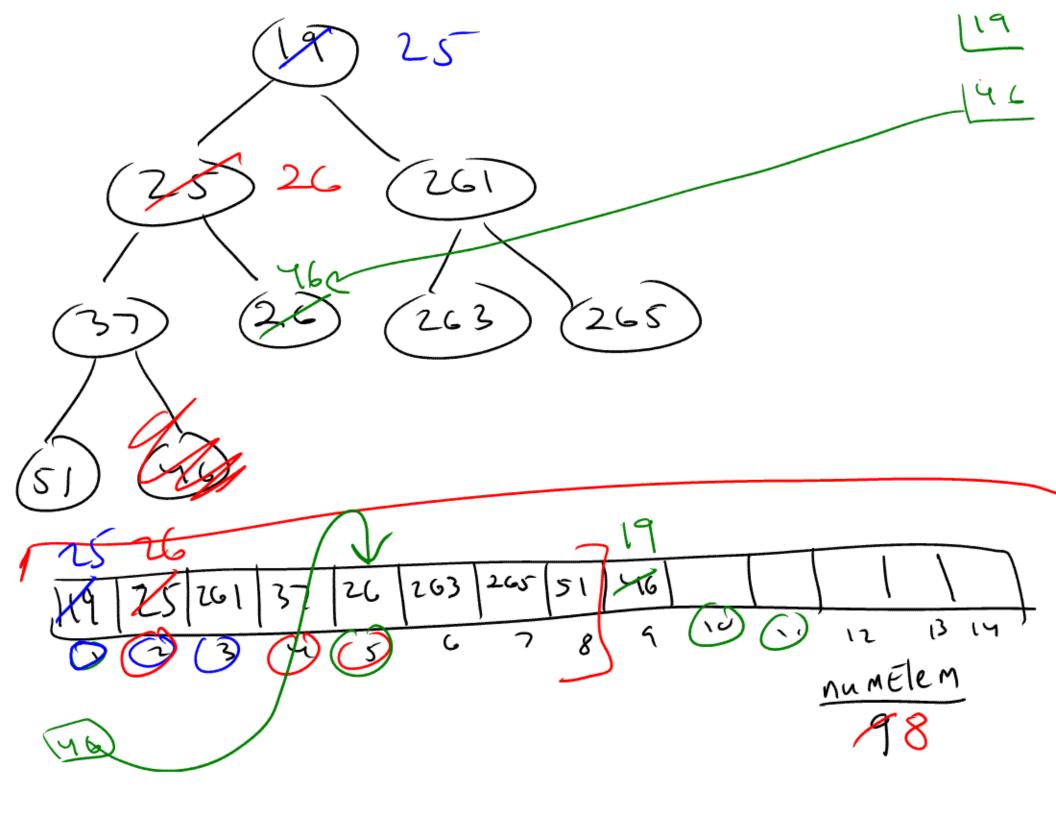


				_									
119	75	261	37	26	263	265	51	46		' '	1	\ \	
ILL	2	1 .	1 -	1	1 6	7	8	٩	10	` '	12	13 14	
`		>	-(3			Ū				numElem		









Analysis ISEMPTY! O(1) F.~1 M.~ : O(1) insert worst

avg last 1 nart

ong: 0(1)

perfect tree
perfect tree
possos
values
values
bottom level

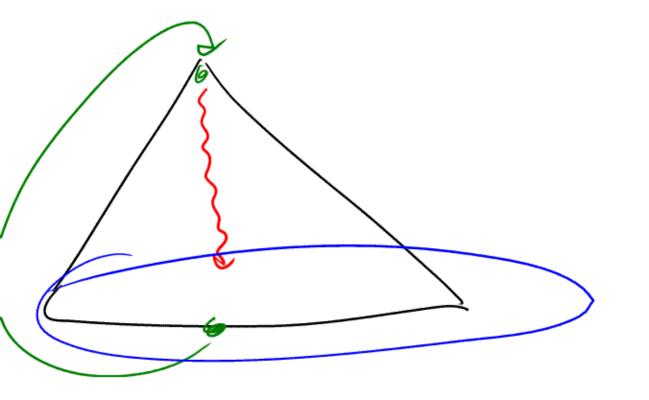
complete tree

complete tree

50% of

Jalues in

Jalues



belike min we a augease O(lgn) Disjoint Sets

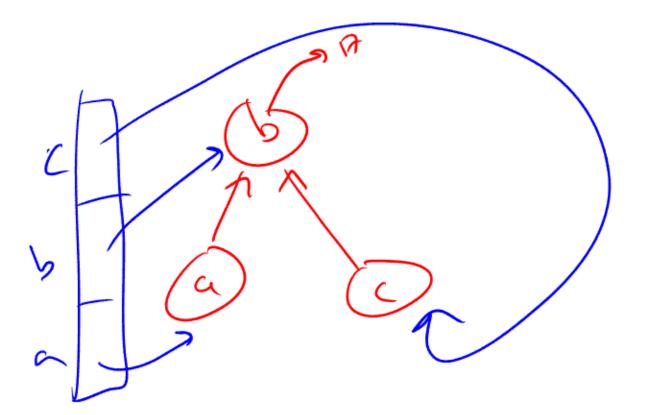
= 3
= 4
= 5

$$S_1 \cup S_2 \cup S_3 \cup S_4 \cup ... \cup S_n = \bigcup$$

$$S: \cap S: = \phi$$

ata aRbaRc bra brb bra cra crab ERC add a Rd 6 dRa erd, dha -> ela aRe etc.

void Union (Set A, Set B) Sex Find (element x) () to see it alls, Find(9) == Find(6)) add alb Gunion (Find (a), Find (b));



up-tree