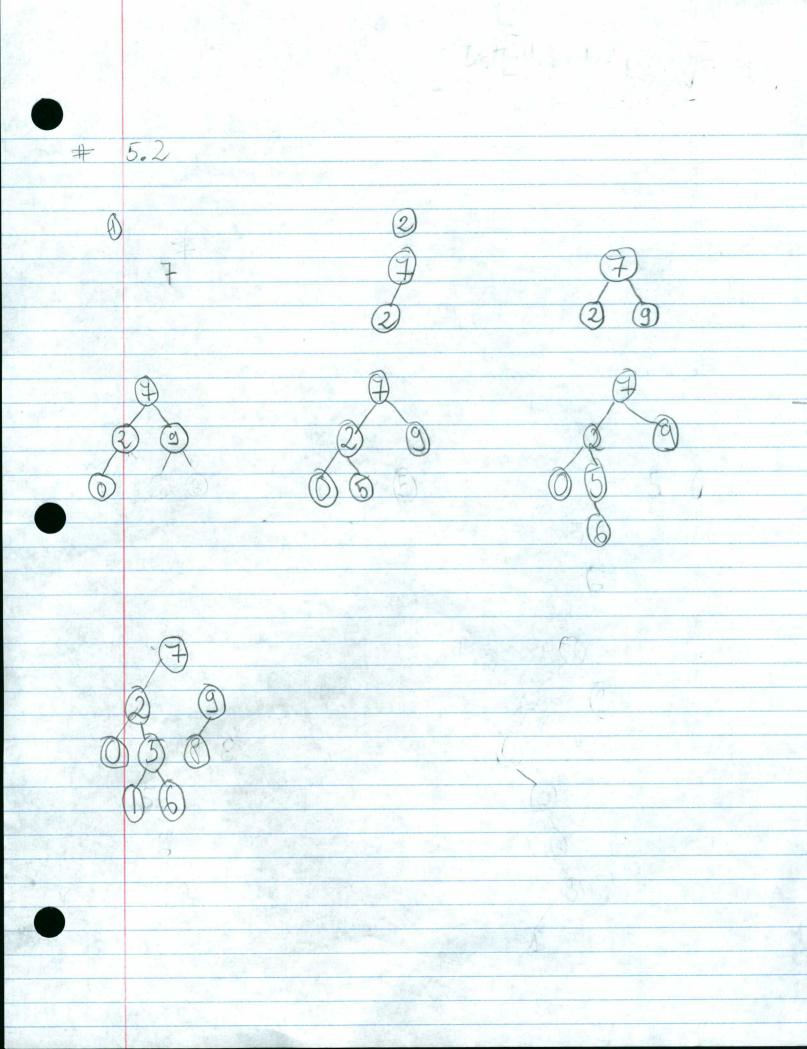
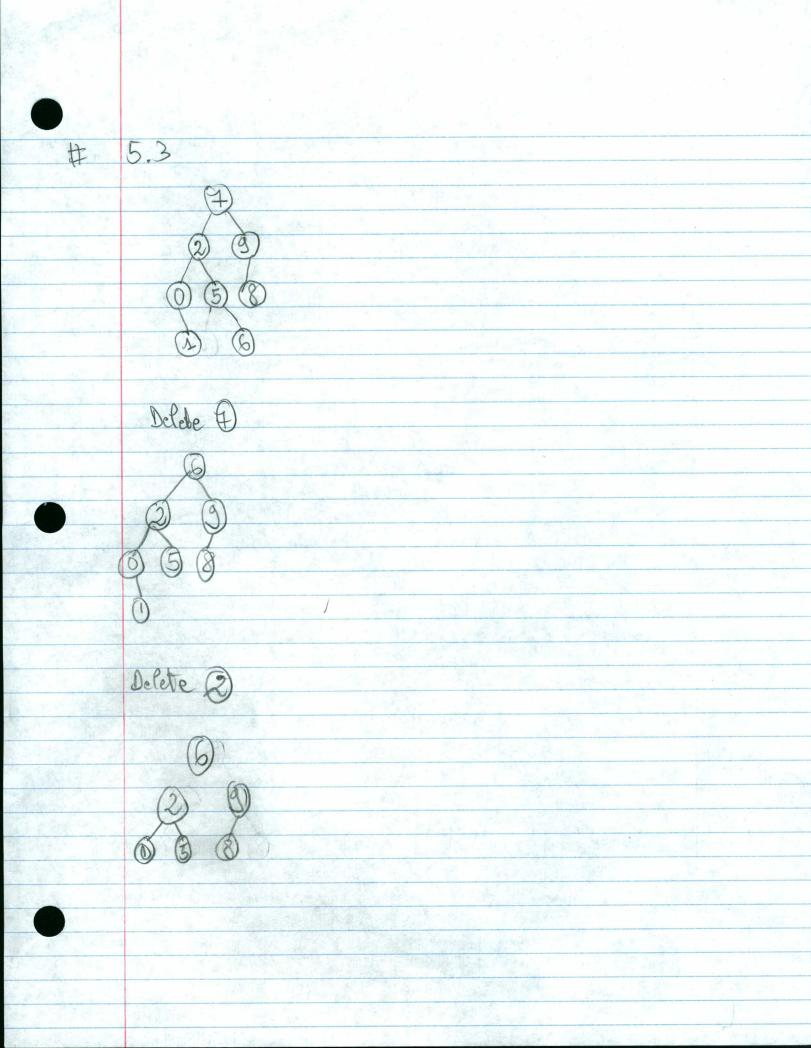
Fodele Vonadje CS 260 002 井 5.1





	5.4)
	J. 1
	19
	4
	9 12
Delete ->	10,9
	9 12
Delete>	9 11
	10
	12
	As we can see, the order matter. Depending on which node we delete, we will get a different tree
	we delete, we will get a different tree

#5.5 #5.6 log(n) xn will be the time n will be the space

5.7 We can use parallel arrays to polve the problem a= first () Name [], height [], comp-val [] Name add (a -> name) height. add (a -> height) While (b=next()!= NULL) Norme. add (b -> nume) height.add (b -> height) comp-val = Impressive A (height) 1/ For each undex, we get a record by printing Name [i], height [i], compred [i] The runtime will be O(n) and the space complexity 3n (3 tables)

#8: Space complexity will be 2n Insert will be 0(1) remove will be 0(n) or 0(1) #9 we will use a hash table. The hash table will prisert and faccess walve in constant time.