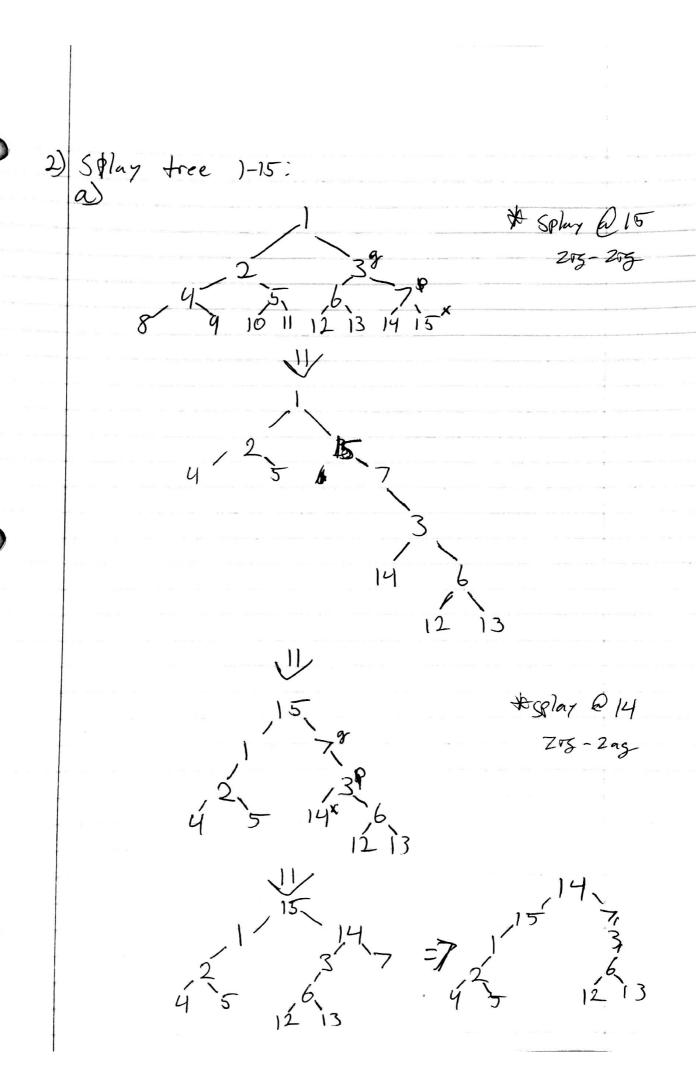
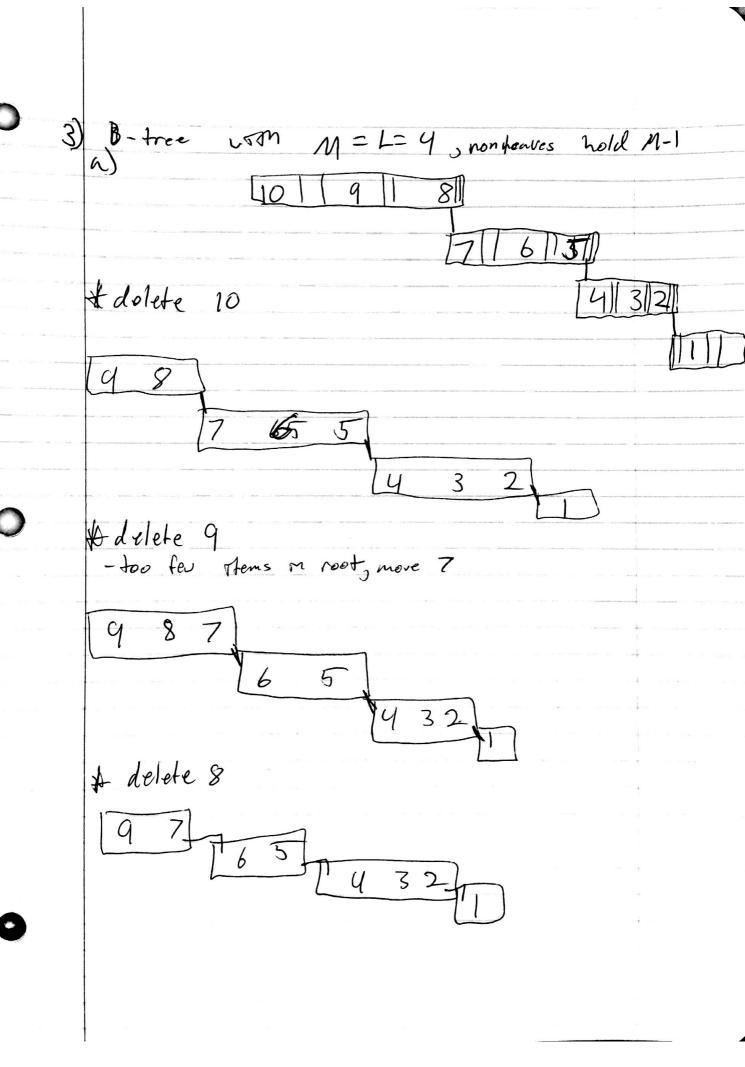
9-Feb-16 Eli Sobylah DS Midterm b) Yes of is an AVL treve. The regularments for an AVL tree is that the balance factor for any green node must be between -1 and 1, malusive. * Rosht-left double rotation

Joncert 60 70 13 K2 * Risht-left
double votation 14 * 14 mserted





Scanned by CamScanner

Deletrons	6) 1 2	3 4	5 6	7 8 9	10 11	12 25 1 38
73	14	42		7 8 22 34 7 8 34	- 11	25 38 25 1 38
5)	Henps a)	2	3	5		
				8 20 9 12	30	
					77	

Fond Map ()
detete () the Map Hear=[-,2,3,5,6,7,8,9,12,15,17,20,30] 7 15 20 17 8 * msert 20 Th's already *msent 45

0 6) This code is to move holes down the heap or percolate down. The hole passed on is the indep where the percolate will beson, and it ends when the Hear is restored