

CS-202 HOMEWORK 4

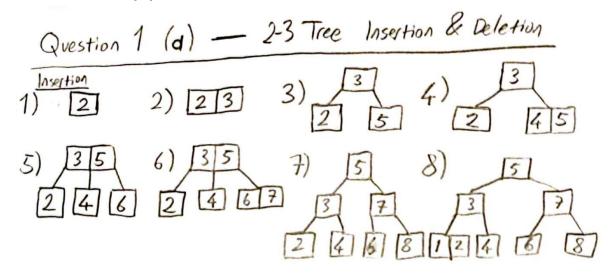
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ID: 22002717

Section: 1

Assignment: 4

Question 1 (a)



Deletion



Question 1 (b)

Question 1 (b) -2-3-4 Tree Insertion & Deletrin

Insertion

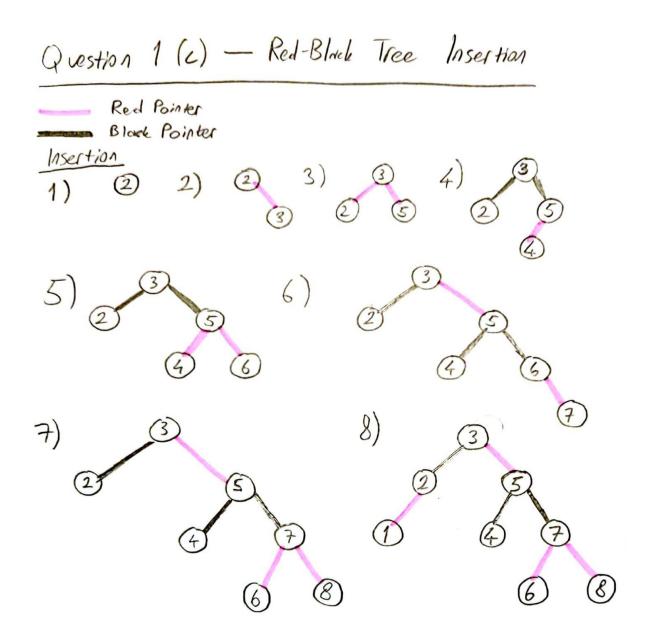
1) 2 2) 23 3) 235 4) 2 456

6) 35 7) 35 8) 35

Deletion



Question 1 (c)



Question 2 - Part a & b & c

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0 34 1 2 36 3 20 4 2 5 19	6) 0 34 0 - 34 1 53 1 2 36 2 - 36 - 2 - 19 - 53 3 20 3 - 20 - 37 4 37 4 5 5
5 19 6 53 7 37 8 9	5 6 2 7 8 9 10
11 12 13 14 15	11 19 11 12 12 13 13 14 15 15
Open Addressing with Linear Problem	Open Addressing with Seperate Quadratic Probing Chaining