Name: Kutay Şenyiğit

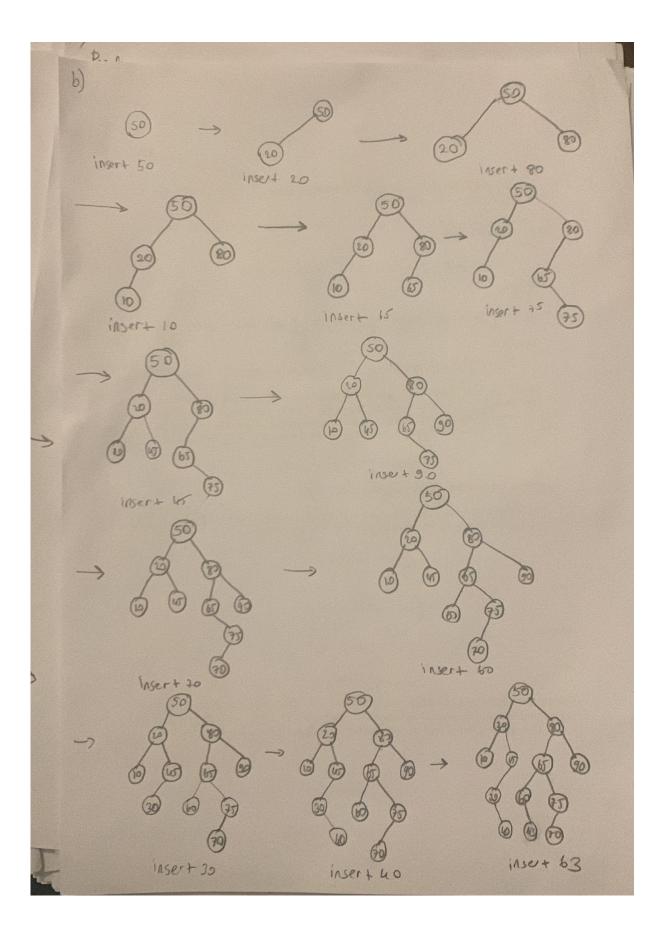
ID: 2102377 **Section:** 3 **Homework:** 2

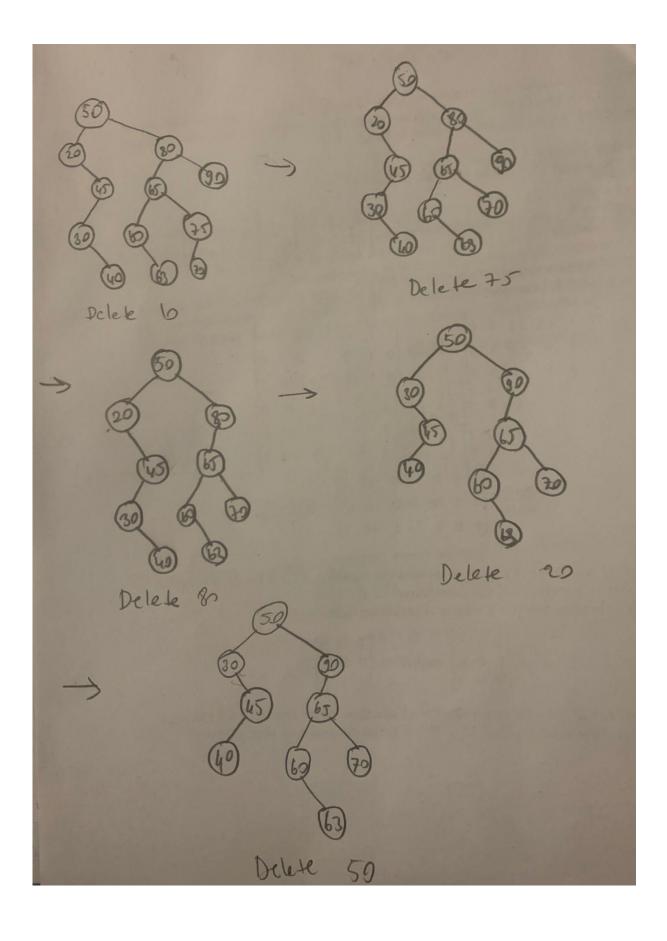
Question 1:

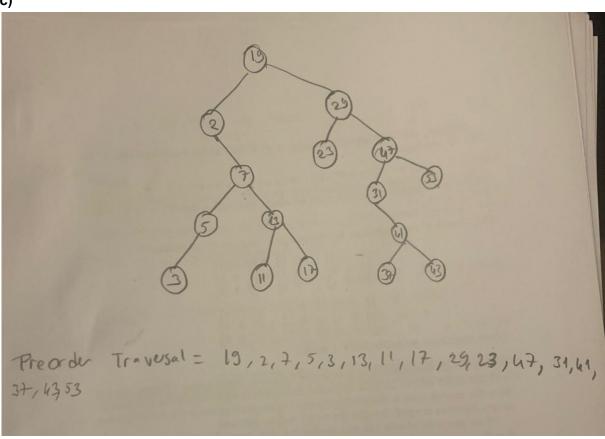
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JAJix: (AUB) x ((CID) NE)

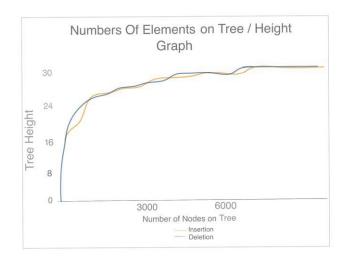
Postfix: ABUCD \ENX
```







Question 3:



We observed the changes in the height of BTS. We created an array with a size of 10000 and tested it. We inserted random elements and removed them. Theoritically, for an average case height of three has O(logn) time complexity. In the reality, it's close to what is should be as we can see in the graph. Also we can see that low height operations requires less time.