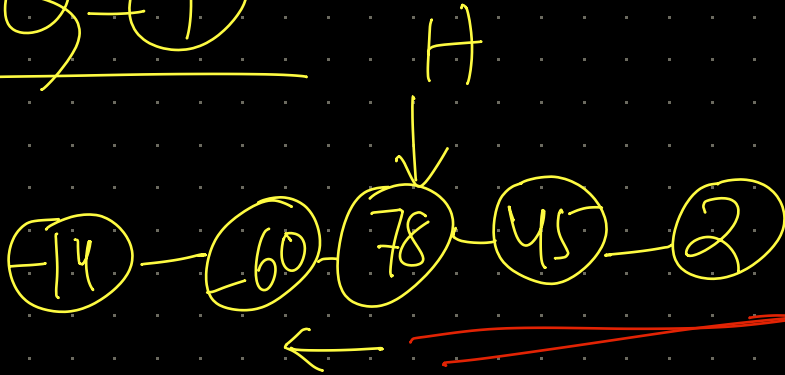


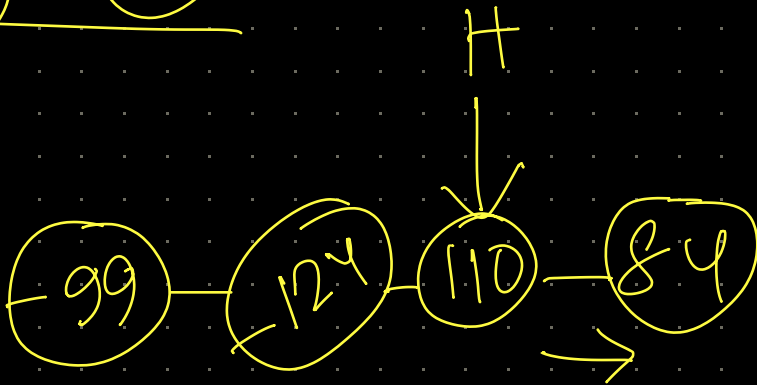
Test - (1)

Heap made

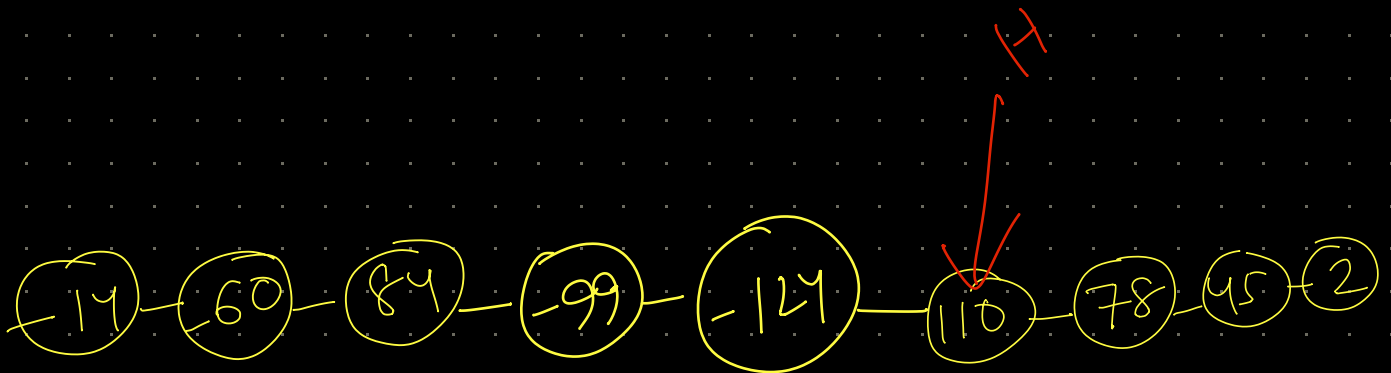
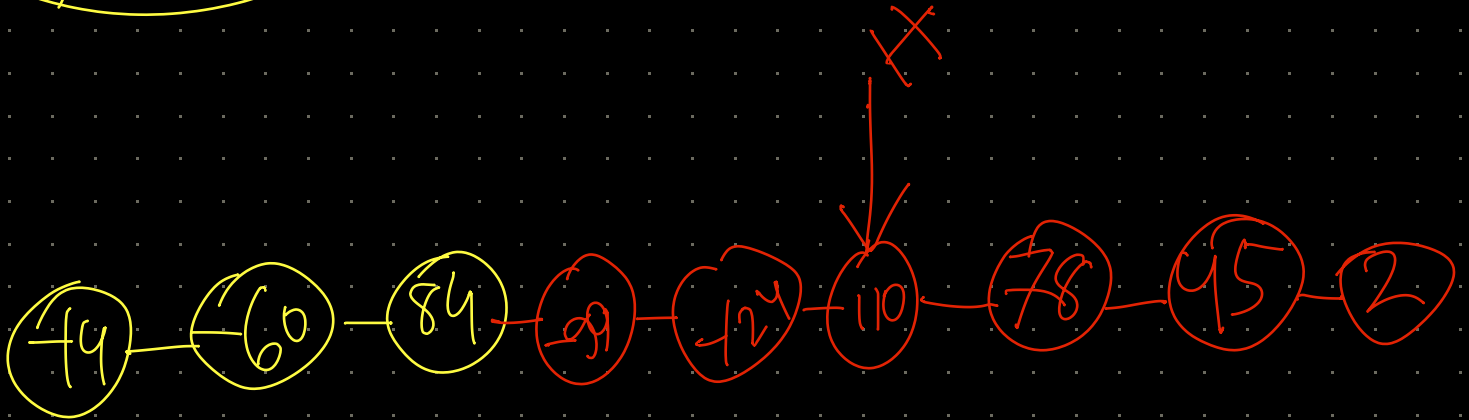
Q - (1)



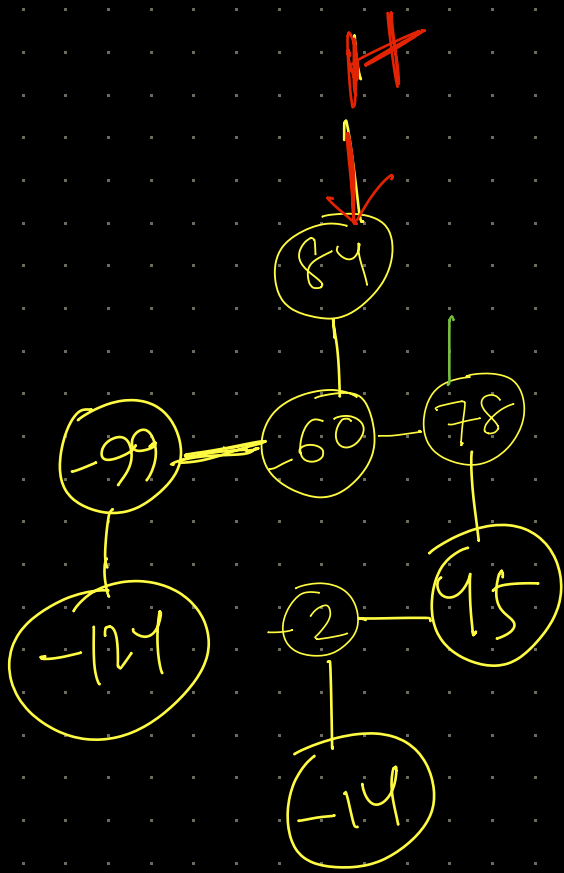
Q - (2)



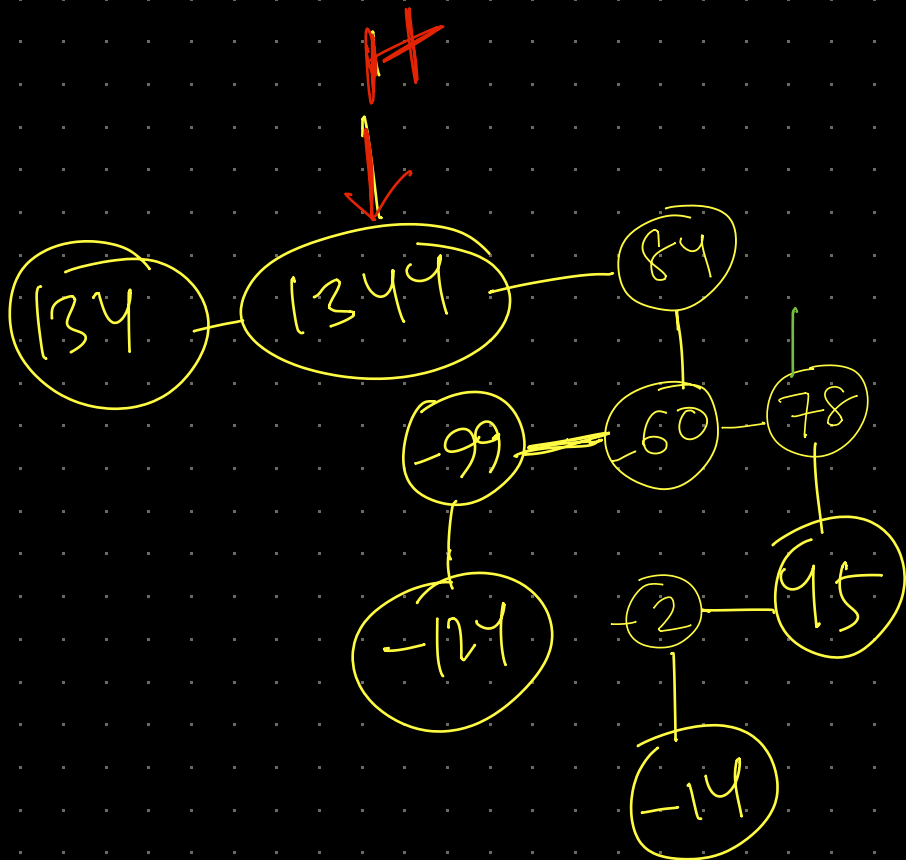
Q - 3 → Merged?



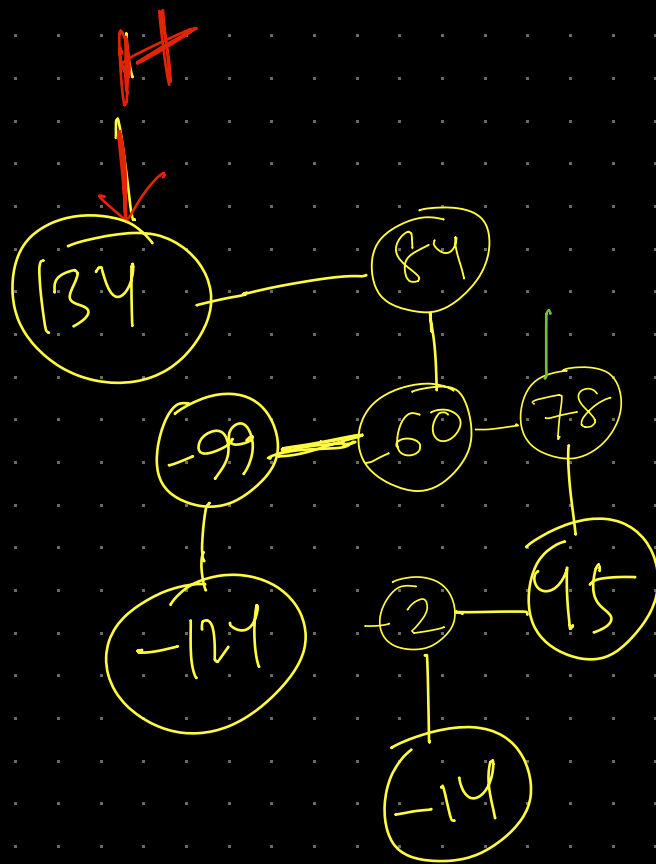
Extract Max?



Q-3 I (1344, 134)



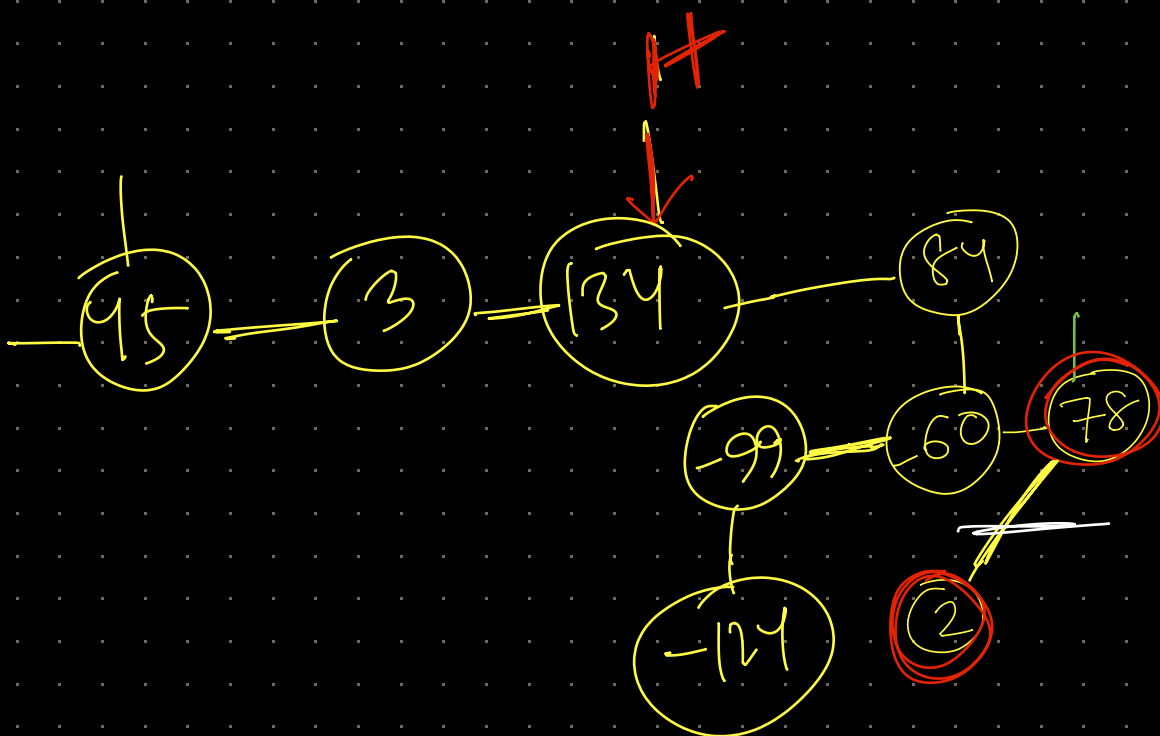
Extract_max:

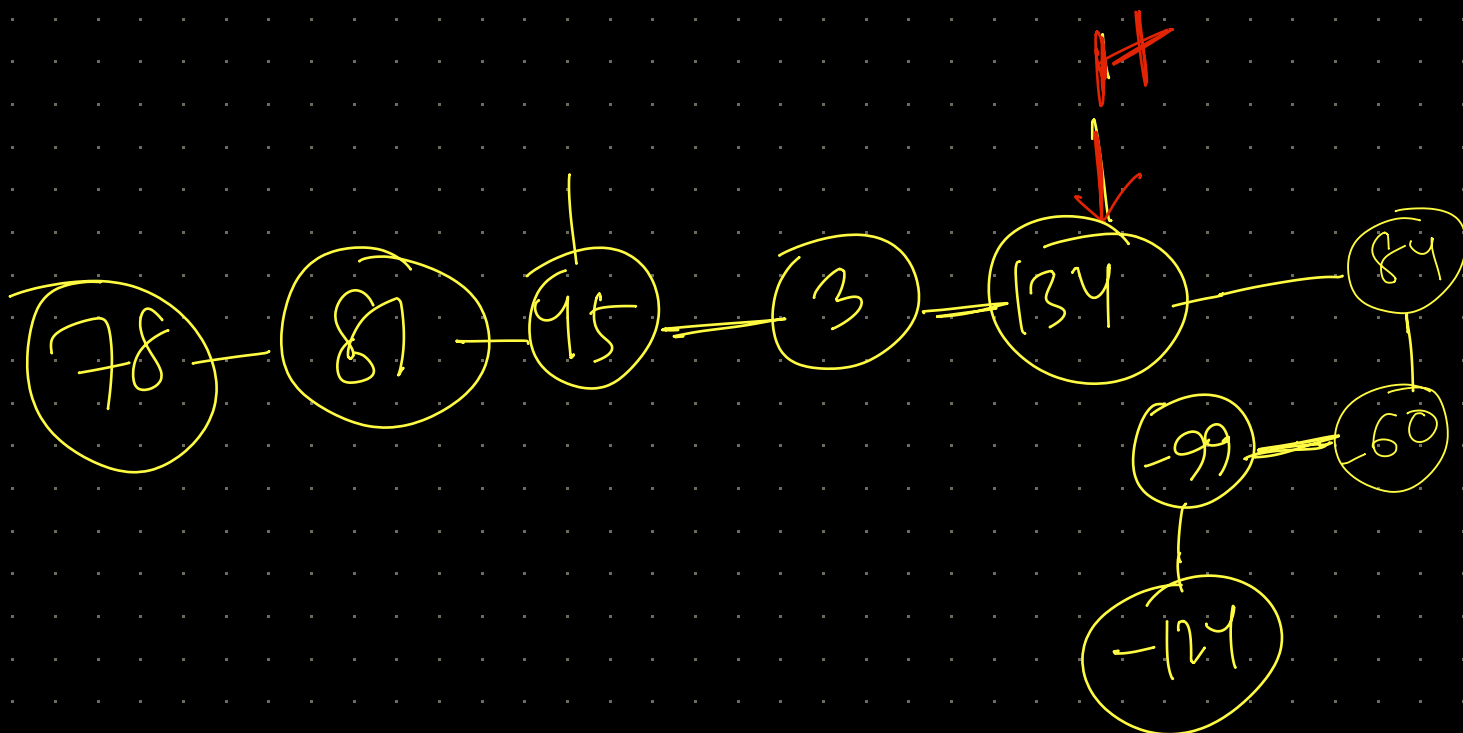


Increase-Key(Q3, 12, 3)

I-K (Q3, 3, 80)

I-K (Q3, 2, 81)





is_empty() → not empty

max_value → 1054.