

AVL Tree Insertion:

Let the node that needs balancing be d

→ Insertion into Outside cases (Single rotation)

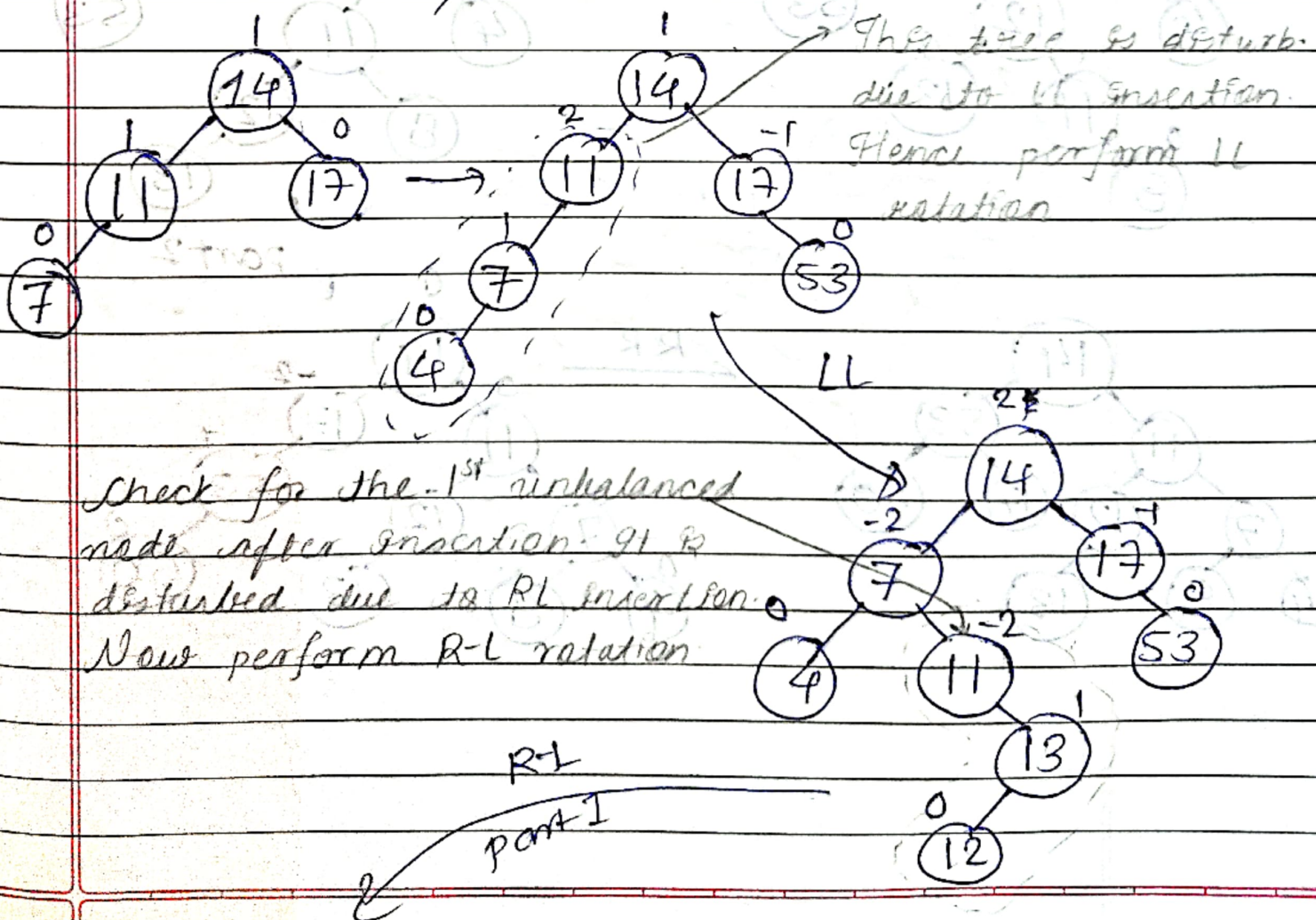
→ Insertion at:

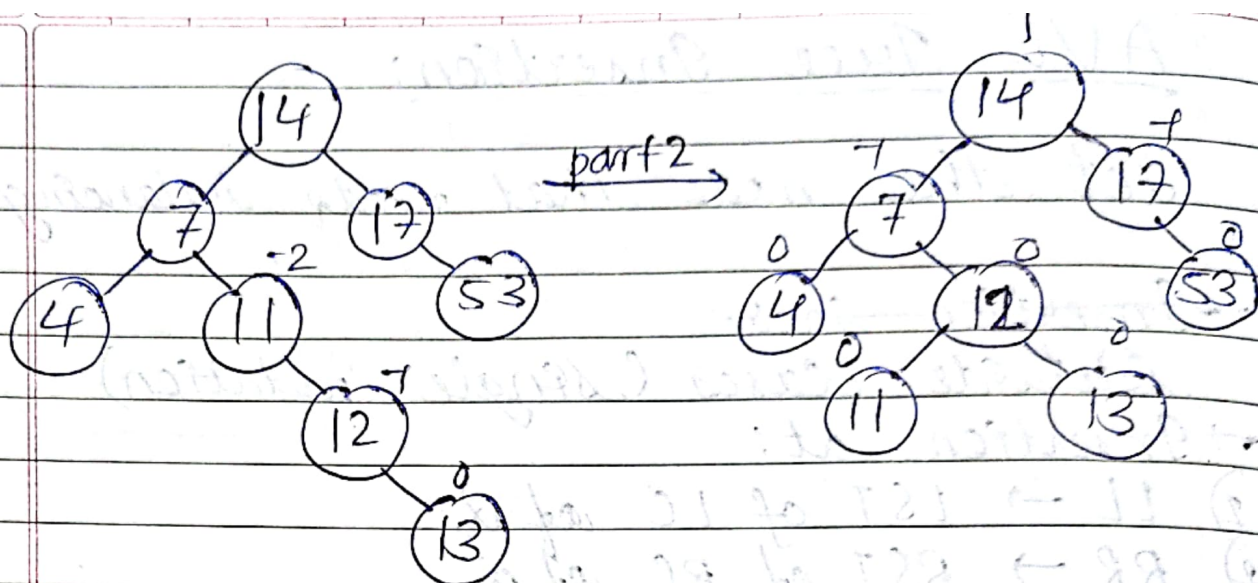
- 1) LL → LST of LC of d
- 2) RR → RST of RC of d

Inside cases (Double rotation)

- 1) RL → RST of LC of d
- 2) LR → LST of RC of d

Insertions: 14, 17, 11, 7, 53, 4, 13, 12, 8, 60, 19, 16, 20





Note: While performing any rotation always remember the median element would be the root.

