

[Is

eseudo:

1. Since no root, set is we the most

- Insert: 30

5 30

Grengo:

1. REYTOUT: 1/ So more 30 to root.

- Insert : 20

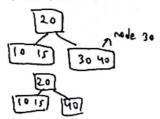
15 20 30



- 1. There 20 in the root
- 2. Split to and 30, 20 as the newton
- 3. 20 as the forent and most, is and 30 on the children (lett) (179/4)
- Inser: 40



- 1. Go bigger than 20, go right.
- 2. 30 is the least and the node key only 1
- 3. of 40 15 bigger than 30, 40 15 the night key.
- 4. key = max key, continue.
- Insert:10
 - 1. 10 < 20 , 90 lpt+
- 10 17 30 40
- 2. Insert to as the smaller key of to
- 3 key is 2, still applicable and follows the property.
- Delete: 30

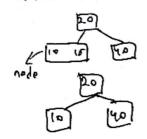


1. Search for 30

3. 30 it in the right on Idnoge of so

3. Node key of 7 min key number, remove 30

- Delete: 15.



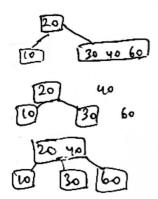
- 1. Search for 15
- 2. the eff nock of 20
- 3. The node key 7 mn beg, remove to

- Insert 160



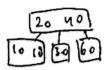
- 1. 60 720, 90 signe
- 2. Nade key is 1, mert; 60.
- 3. bo \$ 40, make 60 as the bagger/right key

- Insert: 30



- 1. 30 720
- 2. Intere som the node
- 3. kpy 7 max key, 581:+ (40 or medion)
- 4. merge 20 and 40, connect 30 between 20 and 40
- 5. Connect 60 m the right of 40.

- Insert 10.



- 1. 18 2 20 , 90 left
- 2. inject ld or stight key .
- 3. key = max key, continue.

