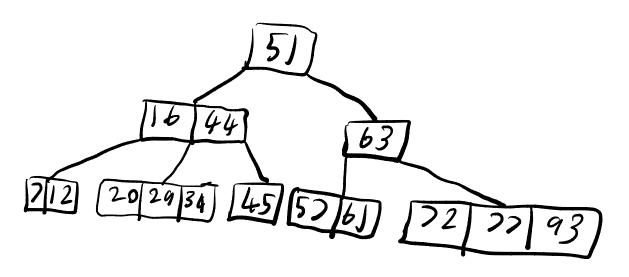
Ex.45 | t=2

minimum: t-1=1

maximum: 2t-1= 3

This is just a 2-3-4 tree.



I split nodes 5 times. All insertions were into mass with space in them as I split full nodes as I got to them.

This tree has a depth of 2, i.e. there are 3 layers.

Layer 0 has a capacity of 3 keys, and 4 children.

- -- Layer) has a capacity of 3x4=12 keys, and 4x4=16 children as their can be up to 4 nodes.
- ... Layer 2 has a capacity of 3×16=48 keys.
- ... There is a total capacity of 3+12+48=63 keys in this tree. There are 15 keys in the tree, so true are
 - ... The ratio of see space to total space is 48:63 i.e. 16:21.