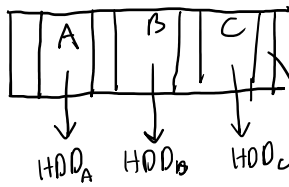


B-tree of degree m

$$m=4$$

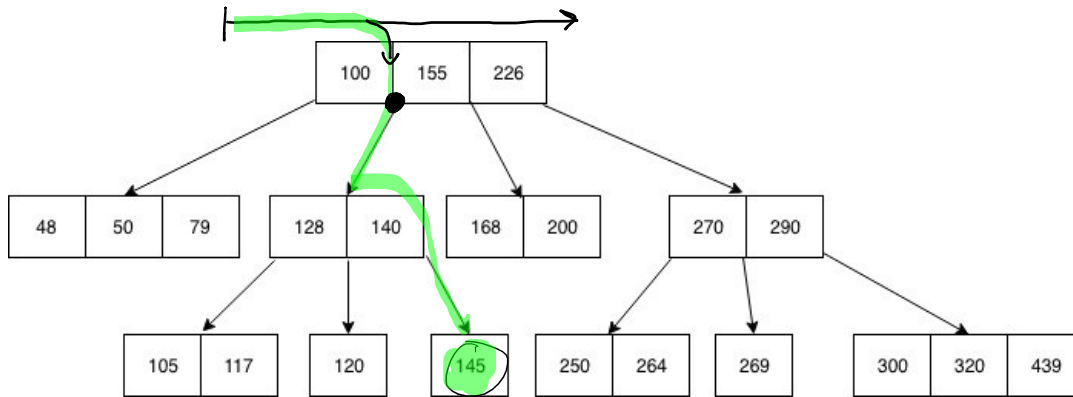
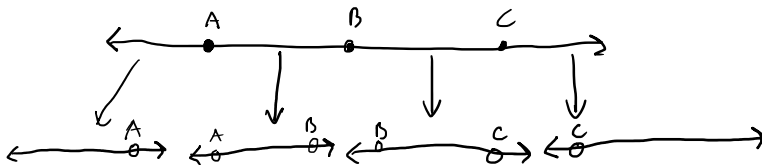


key name pos
0
1
2
...

• node has max m children
 $m-1$ keys

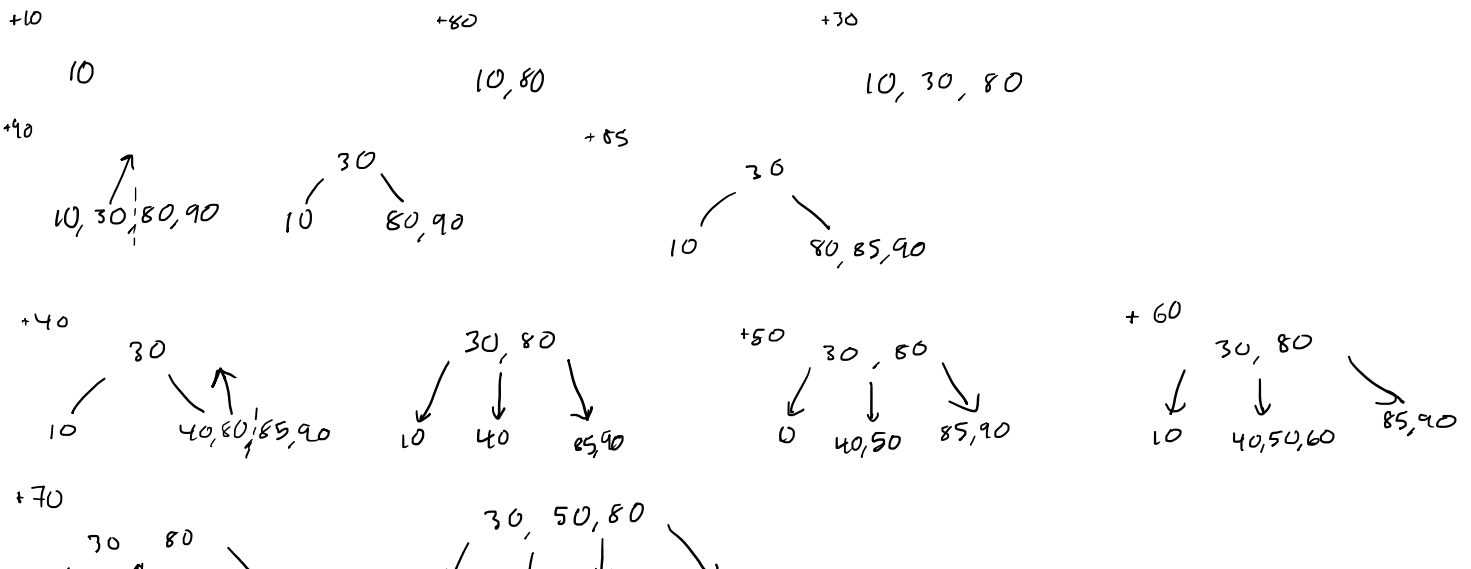
• node has n children, then it has $n-1$ keys

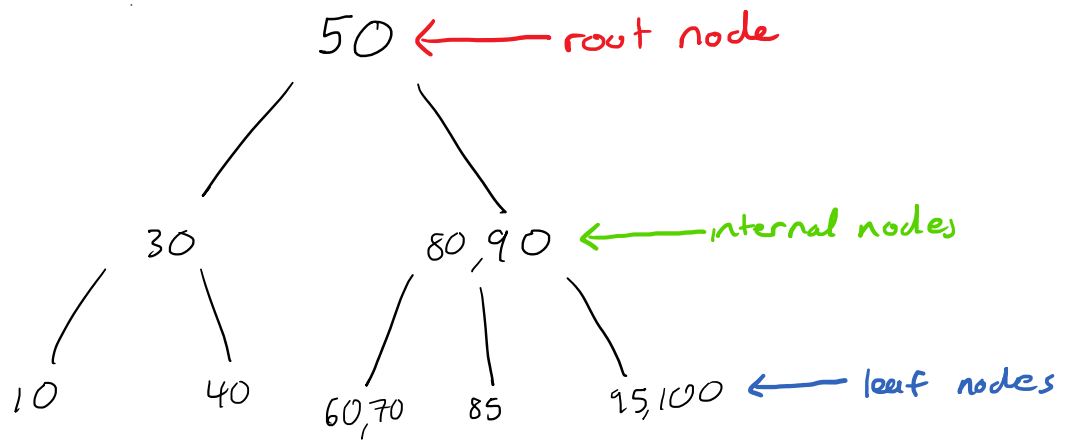
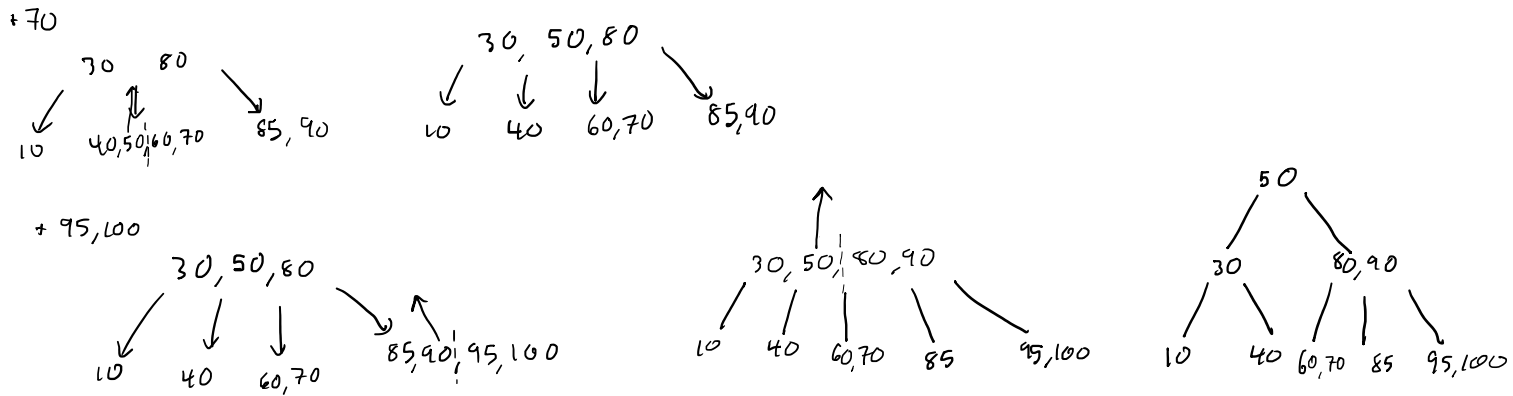
• node has min of $\lceil \frac{m}{2} \rceil - 1$ keys
↳ root has min of 1 key



48 name 48
50 name 50
...
439 name 439

$$m=4$$





$$m = 4$$

$$\lceil \frac{m}{2} \rceil = 2^{nd}$$

