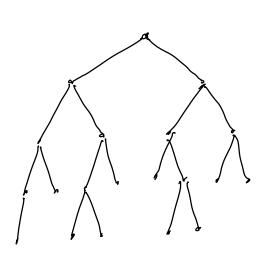
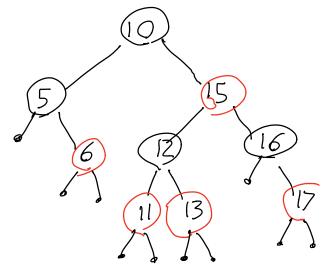
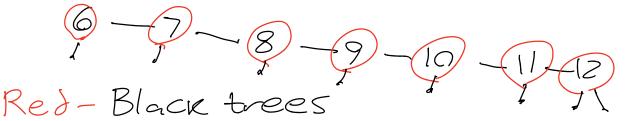
Recitation 15: Balanced Trees





n nodes $d \leq lag_{2}(n) + 0$

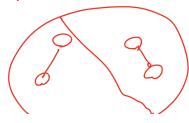


Global Invaviant:

Every root-leaf path has same # af black nades.

Local Inverignt:

No two red nodes can have parent-child relationship.



4 black nodes 3 red nodes

