- → Every node other than the root must have at least (t-1) Keys.

 Every internal node other than the most thus has at least t children.

 → Every node can contain at most (a) is
- > Every node can contain at most (2t-1) Keys. Therefore, an internal node can have at most 2t children.
- Q. Let us insext element 10, 20,30, 40,50,60, 70,00,90,100 in an initial empty B-Tree. Minimum degree t as 3.
 - Soln: Moreimum number of keys a node can accommodate is $2t-1 \Rightarrow (2*3-1) \Rightarrow 5$.

Insext 10 10 Insext 20 10 20 Insext 30 10 20 30 T10 20 30 40/ Insext 40 Insert 50 10 20 30 40 50 Insext 60 Insest 70, 80 140 50 60 70 84 Insert 90 Split 90 50 60 70 80 90