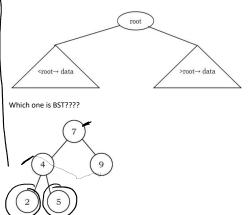
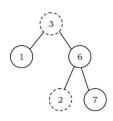
In binary search trees, all the left subtree elements should be less than root data and all the right subtree elements should be greater than root data. This is called binary search tree property. Note that, this property should be satisfied at every node in the tree.



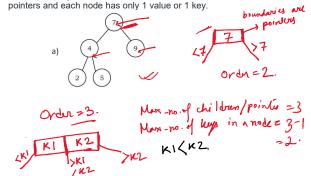


Insert 100, 20, 30, 500, 10, 40 in BST.

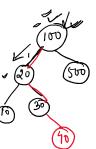
B-Tree (Balanced tree)

In a B-Tree of order **m**, each node can have up to m children or m pointers and m-1⁄keys (values).

1. Order is 2. Why? Because each node can have maximum 2 children or 2



- 1. Insertion of new nodes should be always at last level.
- 2. B tree grows in upward direction.
- 3. Keys should be sorted inside a node.



frust 1.

