

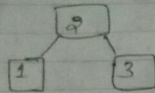
Solⁿ: Order: 3
 Max. children node = 3
 Max. keys in node = 2

First Insert two keys: 1, 2

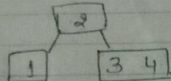
[1 2]

Insert (3): [1 2 3]

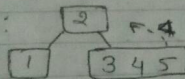
Split from middle key as node is over-fill.



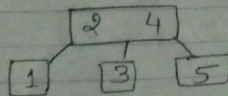
Insert 4:



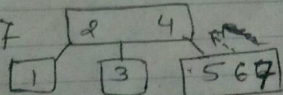
Insert 5:



Split Right leaf node and shift 4 in parent node



Insert 6, 7



Shift key 6 to parent node

