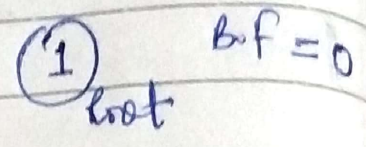


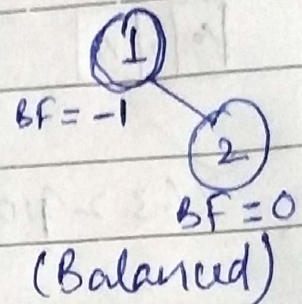
Data Elements of BST

1, 2, 3, 4, 5, 6

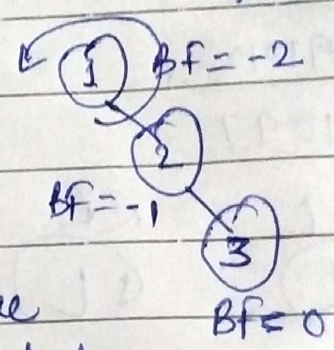
Inserting using RInsert fn.



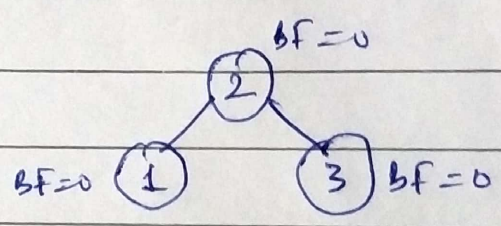
Inserting using RInsert fn



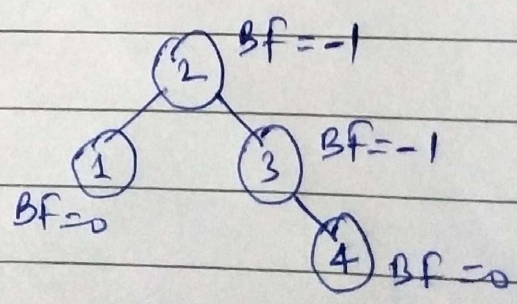
Inserting using RInsert fn



Root becomes imbalance
and it is RR so, rotate
anticlockwise

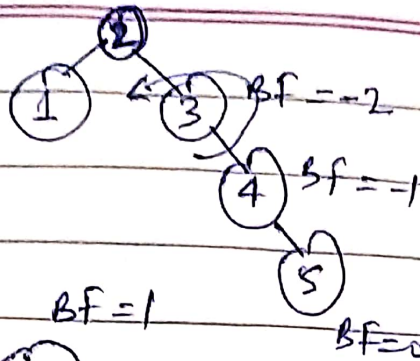


Insert \rightarrow 4

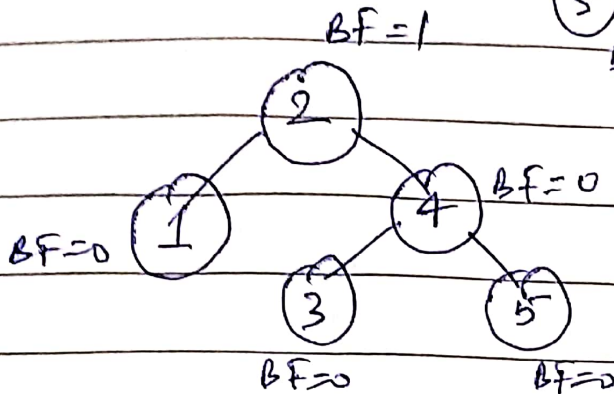


(Balanced)

Insert-5



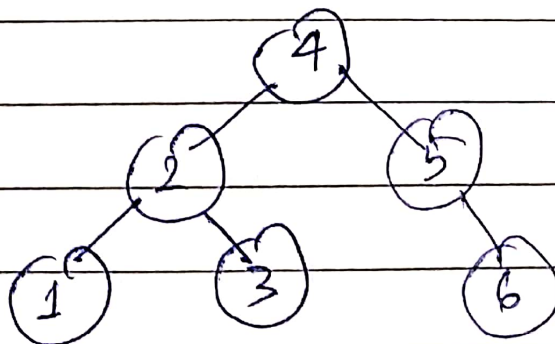
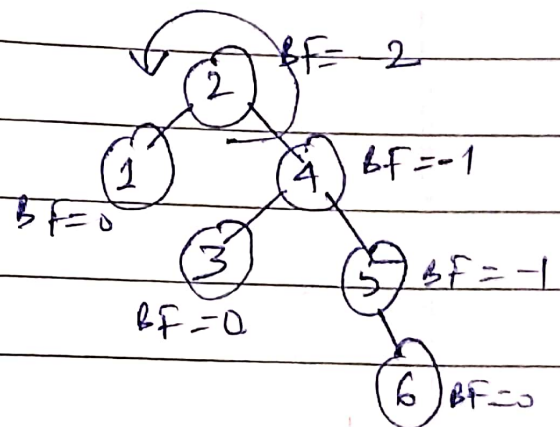
(Imbalance at 3)
RR Imbalance
Rotating anticlockwise



This is now balanced

Inserting 6 using RInsert fn.

Imbalance at 2
RR Imbalance so
Rotating Anticlockwise



This is the Final Balanced BST.