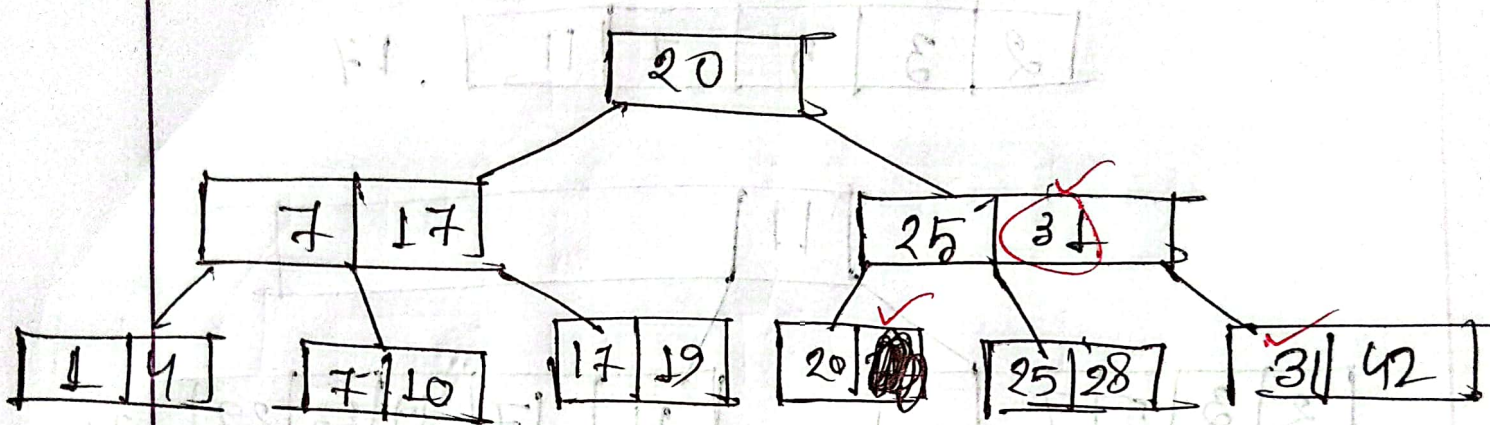
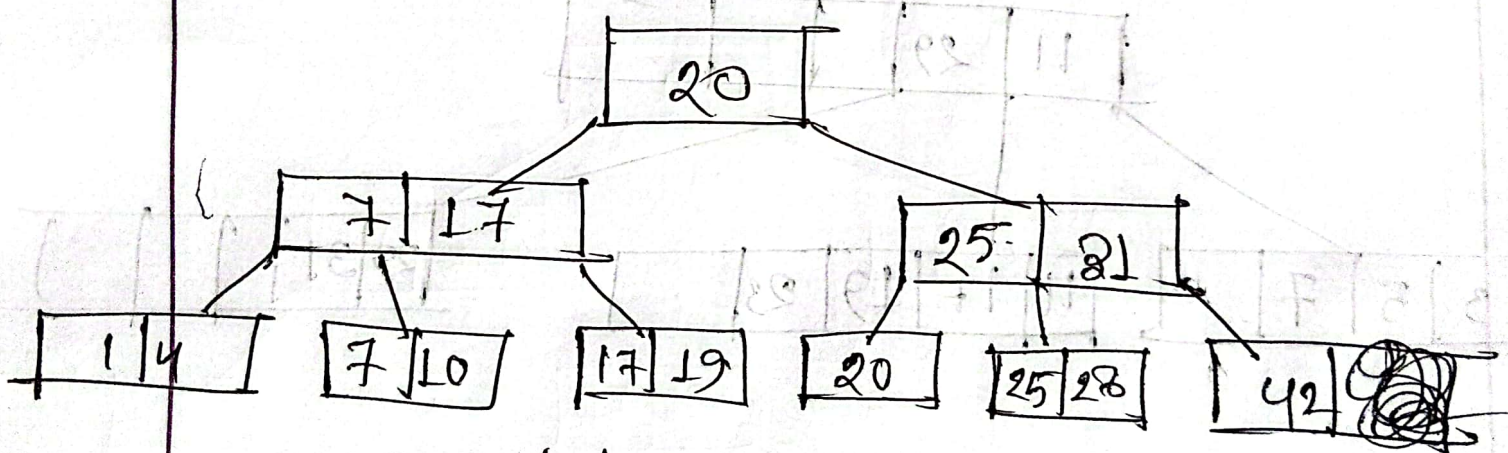


Deletion of key values in B+-tree

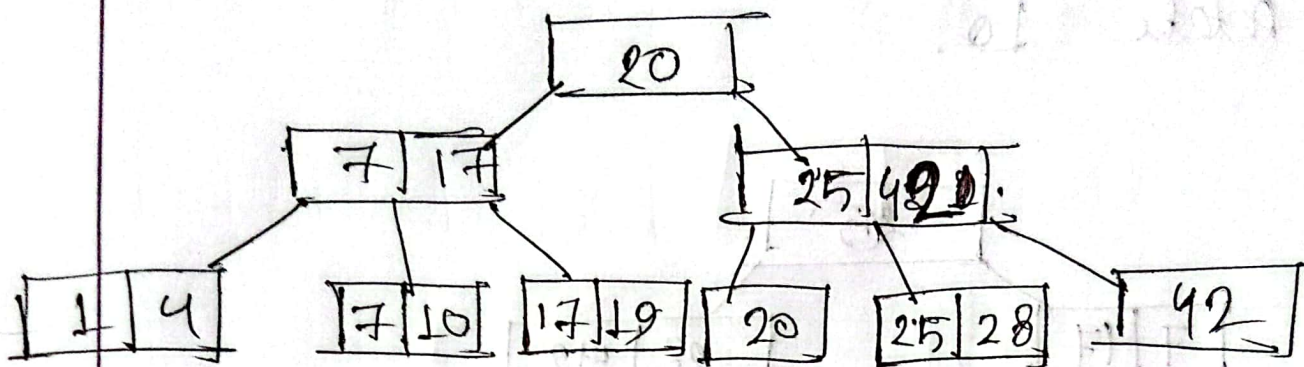
Delete 21.



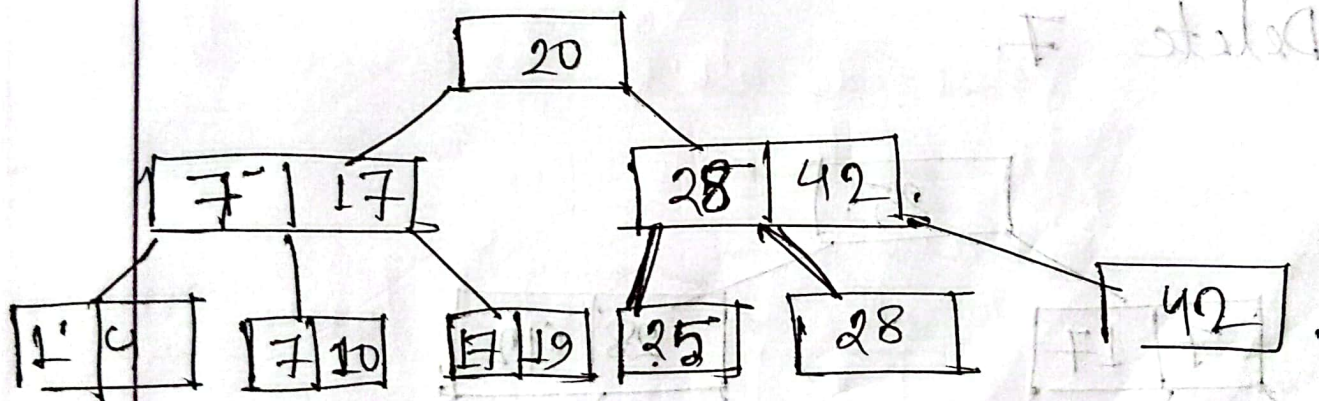
Delete 31.



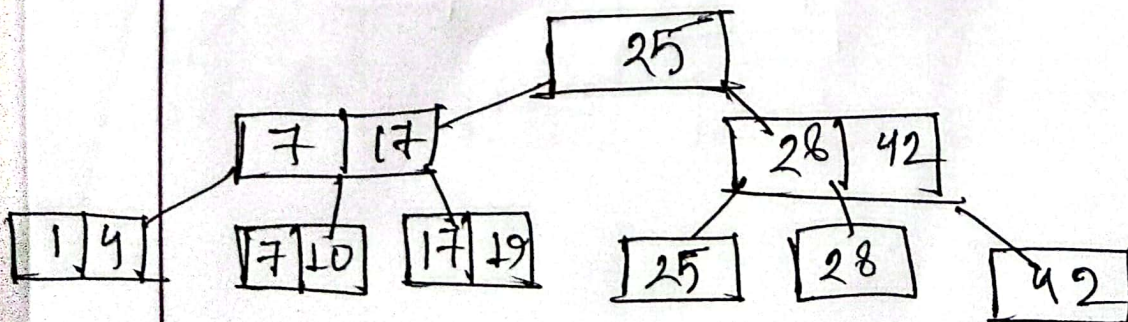
replace ^{index} 31 with the minimum key value of the right subtree of 31.



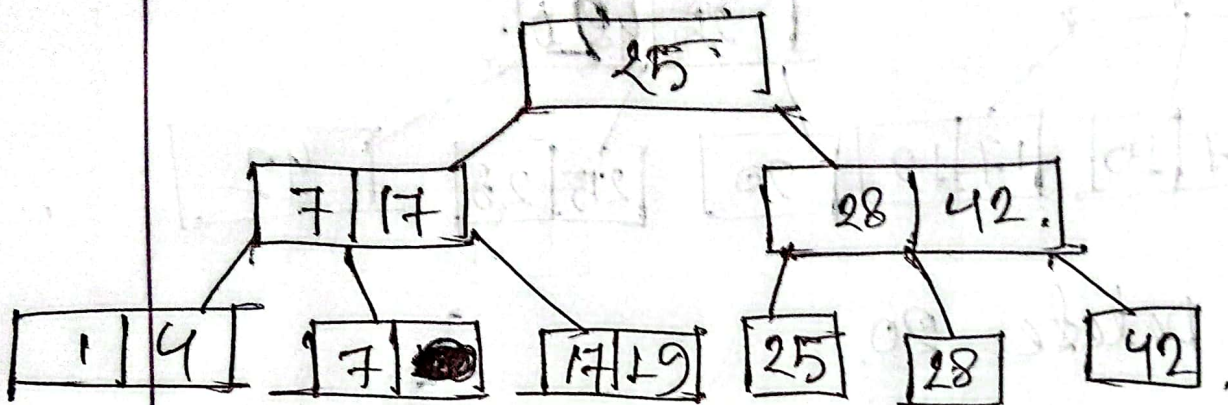
Delete 20.



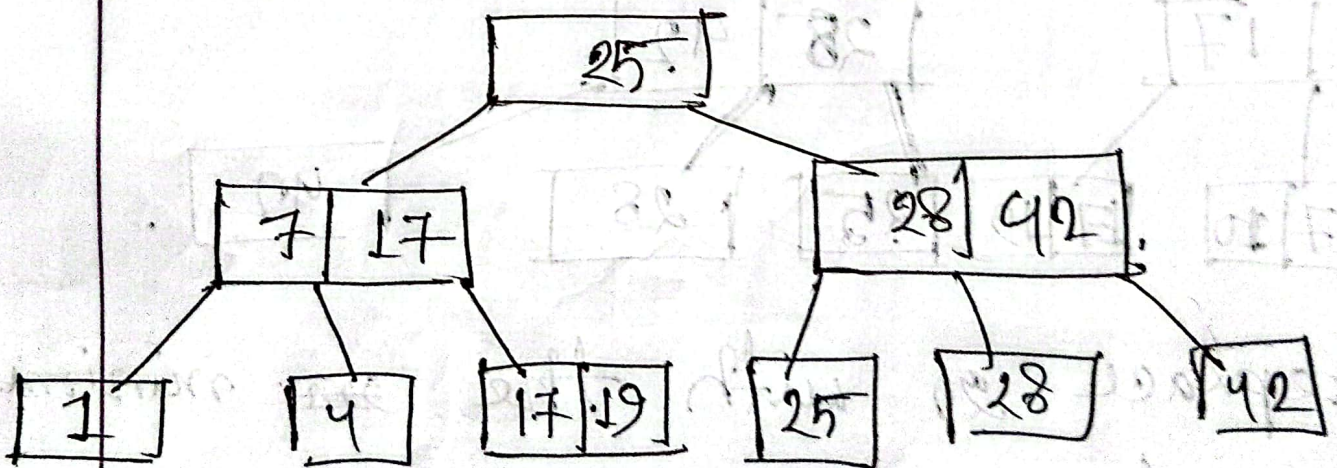
delete 20 & replace 20 with the ~~sm~~ minimum key value of the right subtree of 20.



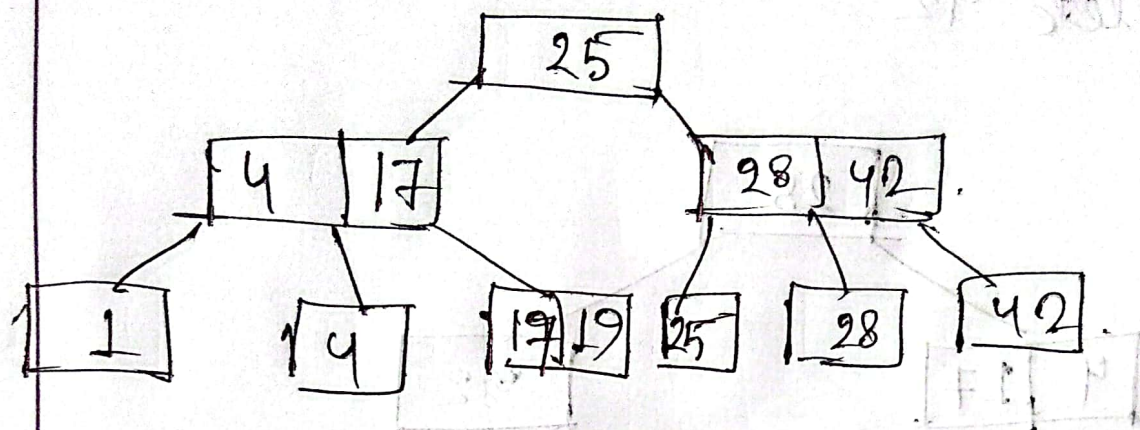
Delete 10.



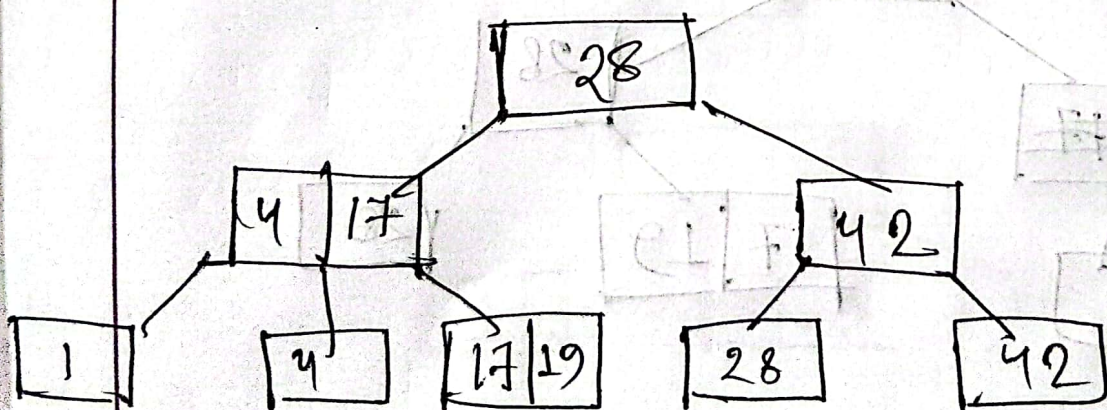
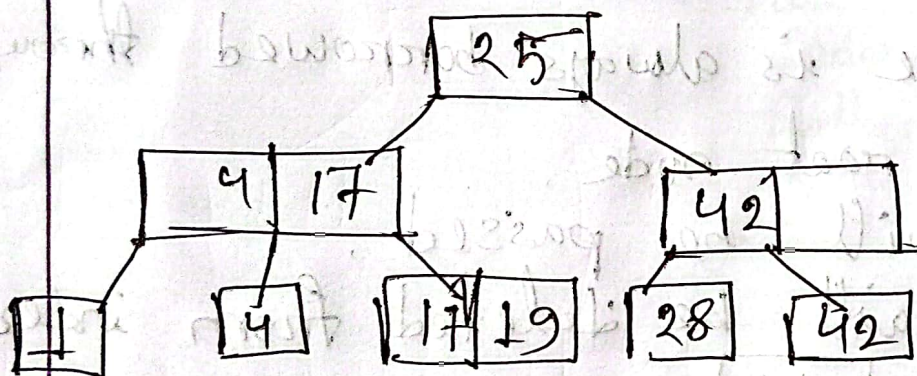
Delete 7.



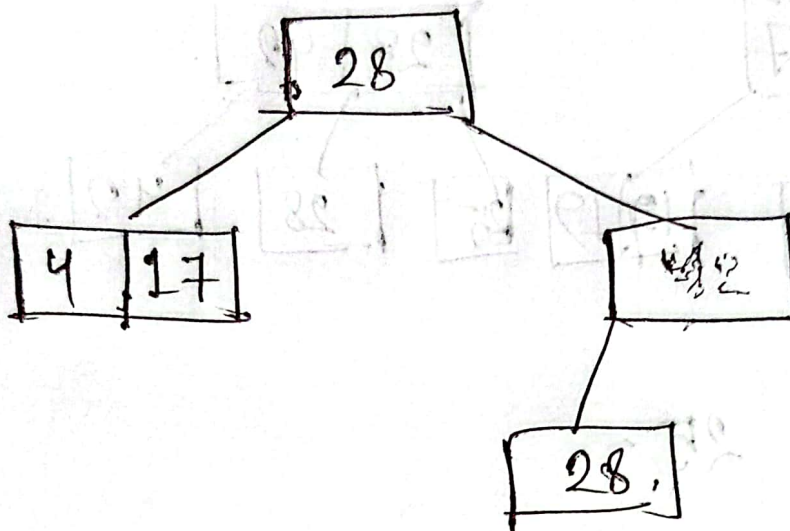
Q1) Delete



Delete 25



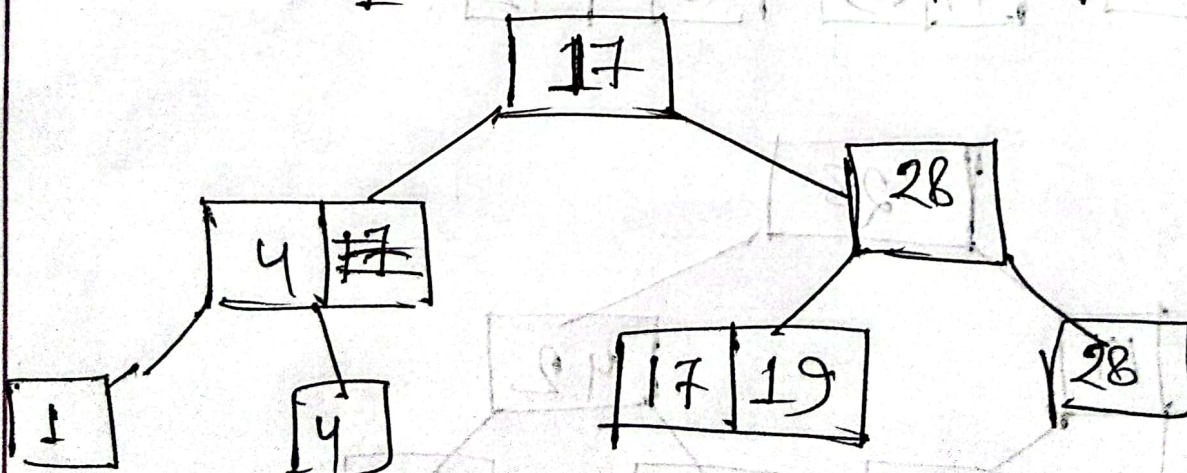
Delete 42



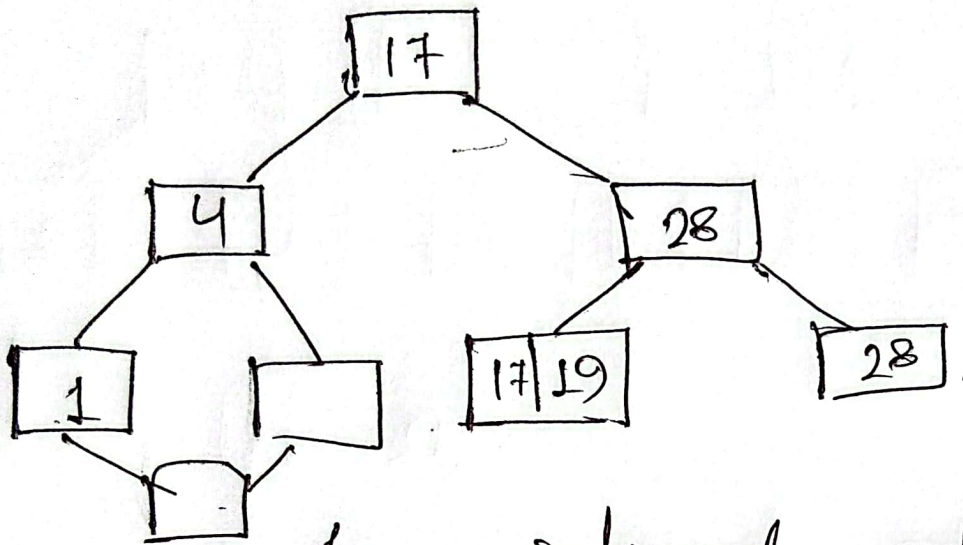
value is always borrowed through the root node.

17 will be passed.

17 will be deleted from index.



Delete 4.



for internal nodes merging
 values index will not be deleted
 Rather it will merge
 will with the
 root node.

