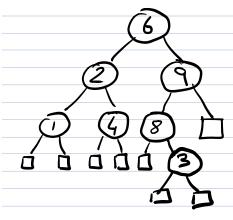


EXAMPLE OF ADDING AND REMOVING TO / FROM A PROPER BINARY TREE

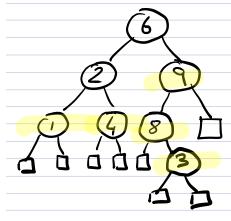
FROM LECTURE WEEK 2



Expand Right Child of

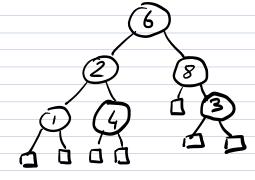
4 Add 2 external children

6 Store 3 in that node



REMOVE:
ONLY REMOVE NODES
WITH AT LEAST I EXTERNAL
CHILD

I CAN REMOVE

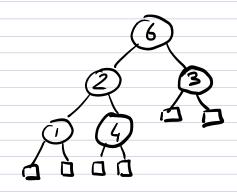


REMOVE 9

-> RICHT CHILD IS EXTERNAL

4 REMOVE 9 AND MY RIGHT CHILD

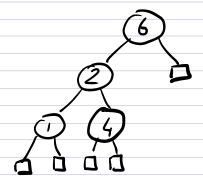
6 REPLACE IT WITH ITS



REMOVE 8

SEPLACE WITH ITS

RIGHT CHILD



REMOJE 3

S LEFT (HILD IS EXTERNAL) OK!

4 REMOVE 3 AND ITS

CHILD