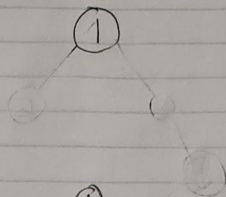
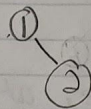


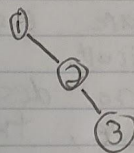
A 310 HW1 Nick Poulin



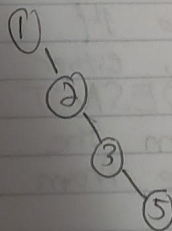
① Start with empty BST, insert 1



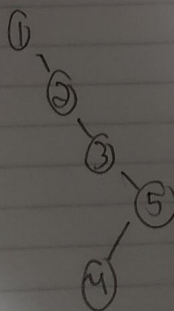
② Insert 2. 2 is larger than 1, so it goes on the right of 1.



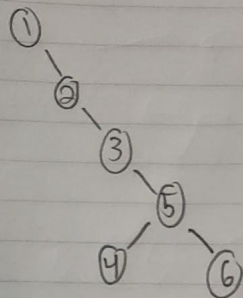
③ Insert 3. 3 is larger than 2, so it goes on the right



④ Insert 5. 5 is larger than 3 so it goes on the right.

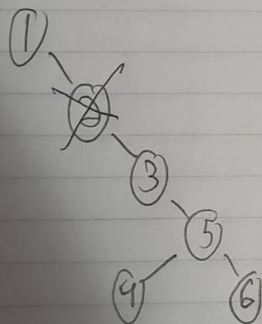


⑤ Insert 4. 4 is larger than 1, 2, and 3, but smaller than 5. Thus, it gets inserted on the left of 5.

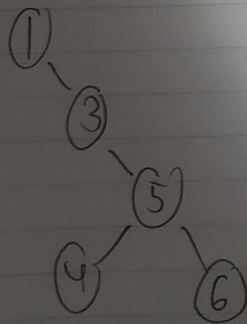


⑥ Insert 6. 6 is larger than 5, so it goes on the right.

Deleting 2:



① Two is removed from the tree.



② Since there is no node to the left of 2, 3 shifts up to take 2's place in the tree.