

HW01

A310

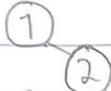
Start with an empty BST:



Then, insert 1:

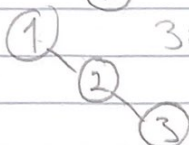


Insert 2:



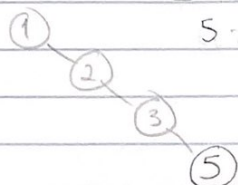
2 is greater than 1, 2 goes to the right.

Insert 3:



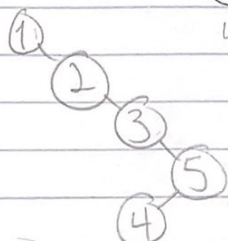
3 is greater than 1, move to right, 3 is greater than 2, it goes to the right.

Insert 5:



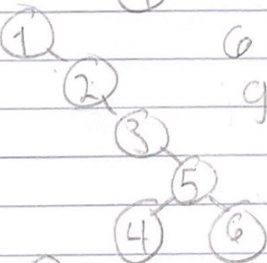
5 is greater than 1, 2, and 3. So 5 goes to right of 3.

Insert 4:



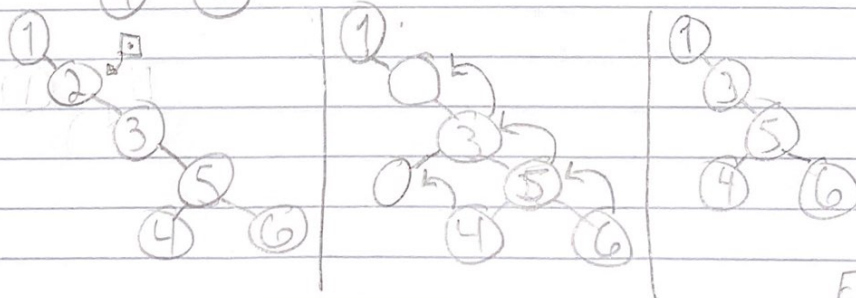
4 is greater than 1, 2, and 3, but less than 5 so it goes to the left of 5.

Insert 6:



6 is greater than 1, 2, 3, and 5 so 6 goes to the right of 5.

Delete 2:



END.