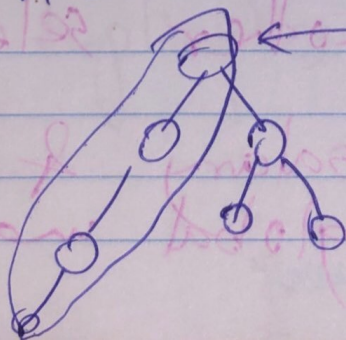


## \* Binary Search Tree Iterator

Can use stack to ~~store~~ iterate in in-order way.



all left nodes are stored in stack

No: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

pop from stack to find next  
& then store all left nodes  
of right node of current in  
stack.

Obviously memory would be  
height of the tree at max.

to get all  $O(n)$  time to  
iterate & store all in stack.

as we are doing  $n$  times,

$$\frac{O(n)}{n} = O(1) \quad \frac{O(n)}{n} = O(1)$$