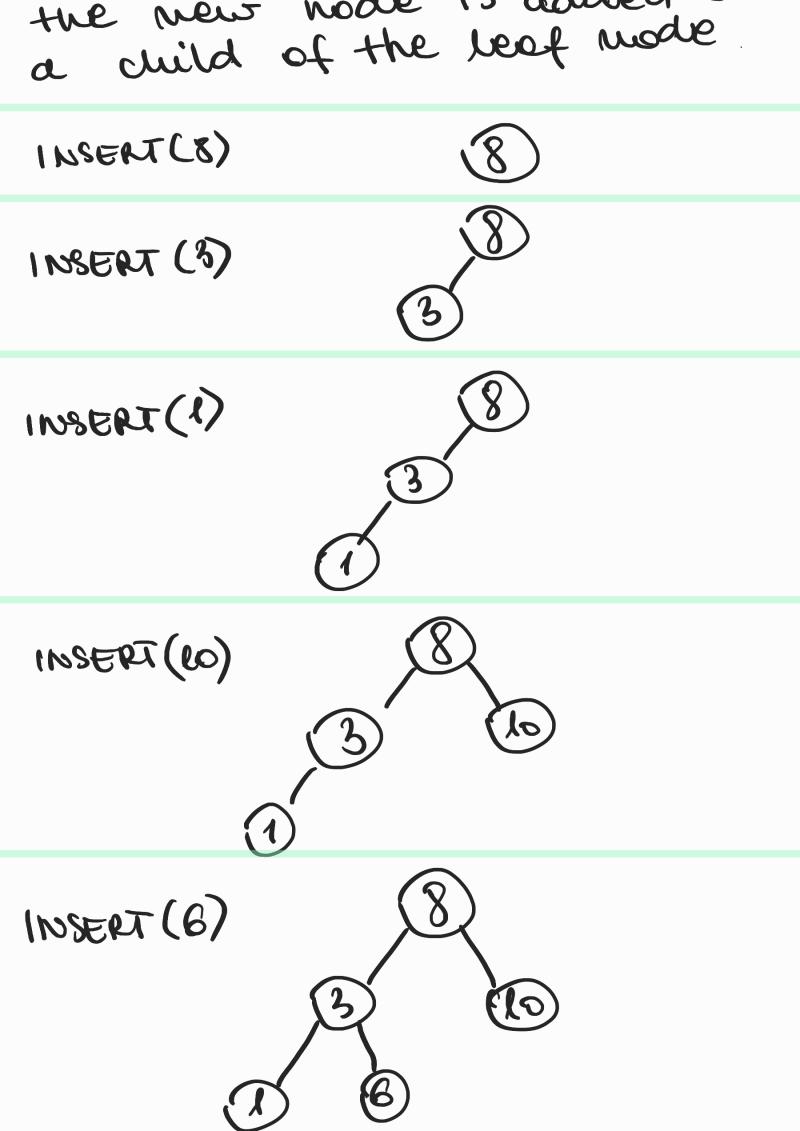
## BINARY SEARCH TREE

is a made-based binary tree data structure.

- The left subtree of a made contains nodes with keys less than the made's key and the right subtree with keys greater than made's key.
- The left and right subtree each must also be a binony search tree and there must be no duplicate modes.

## INSERTION

- While doing insertion in 1387 the new key is always inserted at leaf.
- We stort seorching a key from most till we hit a leaf node
- Ouce a leaf node is found,



## SEARCHING

to search a given key in BST, we first compare it with most.

If the key is present at noot, we return noot. If key is greater than noot's key, we necur for right subtree of noot hade.