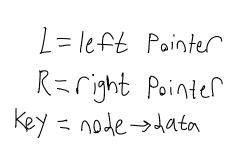
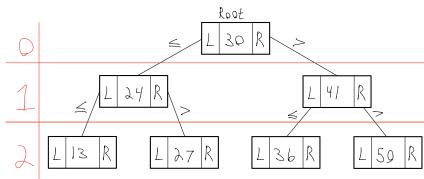
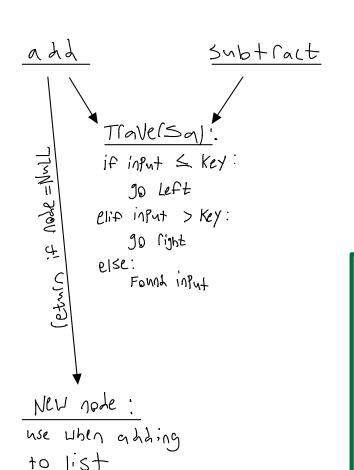
Any code with a green square around it is what I actually implemented into the assignment. Everything else is just a rough draft





Add Snbtract display



*note = new node node = value = value node > left = nullfto node > light - nullfto peturn node

add (node, Value)

if node = nullPtr:

Feturn Create(Value)

Peturn new BST node (Value)

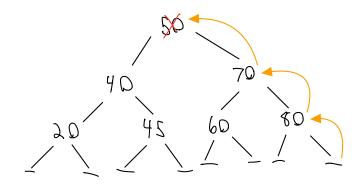
Plif value & node = value:

node > left = add (node > left, Value)

Plse:

node > right = add (node > light, Value)

Renove



If value < node = > Value:

remove (node > left, value)

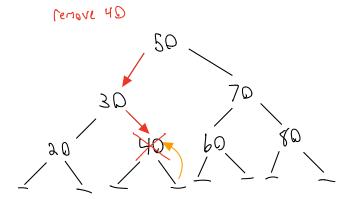
elif value > node > Value:

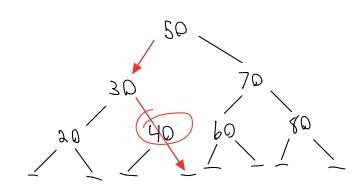
remove (note->right, value)

10.10.0

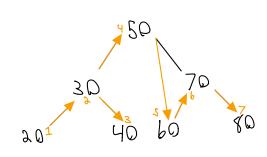
else:

node->value = node > right->value



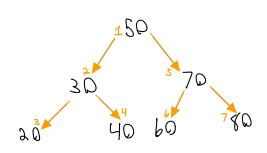


Traversal (inorder) display (root): if root!= Null: Lisplay(root > left) #Stops when root > left = Null Print (root > value) # then prints value of left most Lisplay(root > right) # same as left but for right



Preorder & Postorder should be similar to inorder Just Mixed MP a little

Traversal (Preorder) display (root): if root!= Null: Print (root) display (root > left) display (root > right)



Traversal (Postorder)

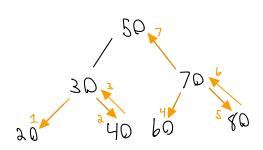
Lisplay (Noot):

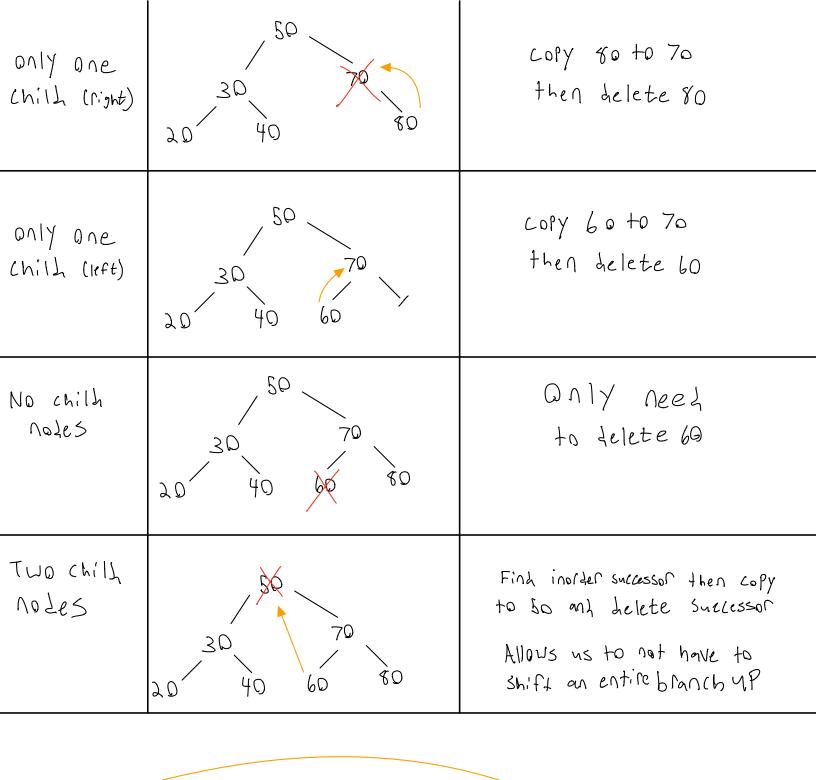
if root!=Null:

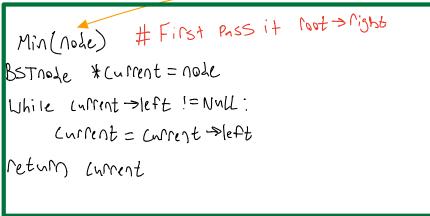
Lisplay (Noot > left)

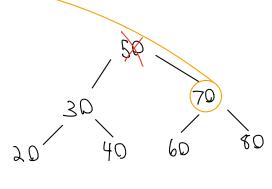
Lisplay (Noot > right)

Print (Noot)









```
Lelete (node, value)
If Value ( node:
  delete (no de sleft, value)
elif value > node:
  Lelete (note > right, value)
else:
  if node > left == Null:
     BST node *tenp = node >left
      delete (note)
      return temp
  elif node > right == Null:
       BSTnode *tenp=nole→Night
        delete (note)
        return temp
   BSTrole * temp = min(nole-oright)
    Jode -> Value = temp => Value
    node > right = delete (node > right, temp-value)
```