

## 2-3 tree

### Insertion:-

Check if root is null, if so make a node and return. If it has an empty slot, insert ~~q~~ appropriately.

Now, check where next elements will be inserted.

Insert left, if less than root's least value.

Insert right, if greater than the values of root.

Insert middle, if between the two values of root.

### Deletion

Search the node which contains the value to be deleted, keep track of the parent.

When reached the element, delete it.

~~If more than~~ Combine the remaining children and split, if more than 2 values are present when combined, split is done in middle and the element chosen is sent to its parent.