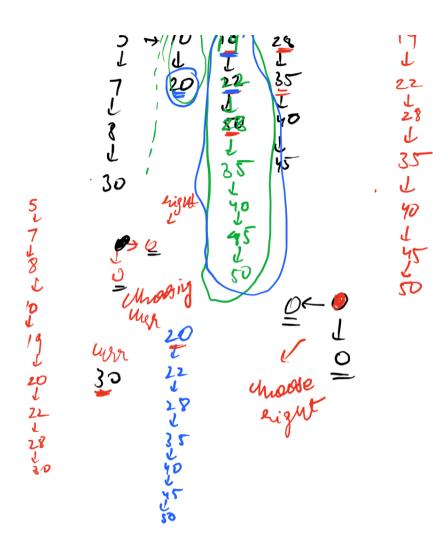
Thursday, 29 February 2024 8:42PM -> 2-> 3 -> 4-> 5 10 20 19 22 50 28 35 40 45 L



```
static Node merge(Node curr, Node right){
    if(curr==null){
      return right;
    }else if(right==null){
      return curr;
   } else if(curr.data<right.data){
     // choose curr
      curr.down = merge(curr.down, right);
     curr.right = null;
      return curr;
    }else{
     // choose right
      right.down = merge(curr,right.down);
      right.right = null;
      return right;
```

Merge Sort LL

mid ahead

3-5-34-2-21

Armady

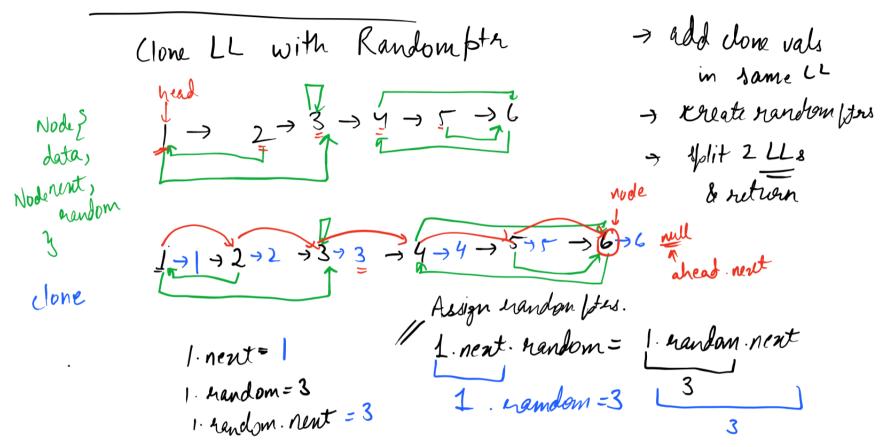
null (

& & f.n

(f!=null& f.n!=null)

Quick Sort

$$\frac{3}{3} \Rightarrow 4 \Rightarrow 1 \Rightarrow 2 \Rightarrow 5 \Rightarrow \frac{1}{6} \Rightarrow 8 \Rightarrow 7 \Rightarrow 6$$



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