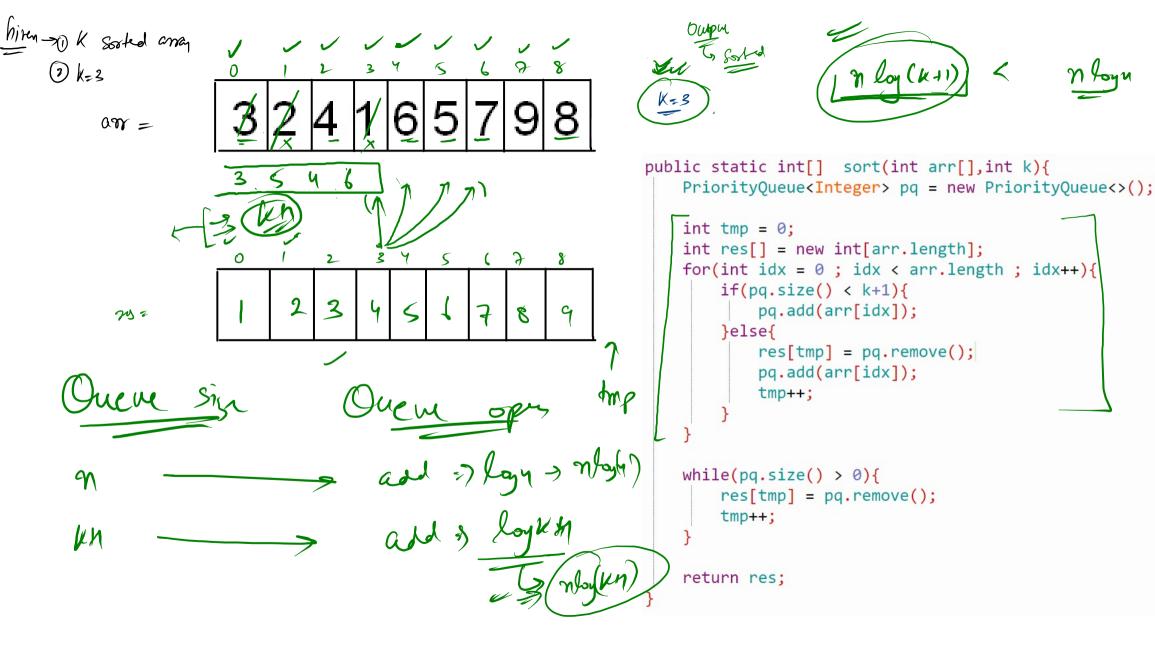
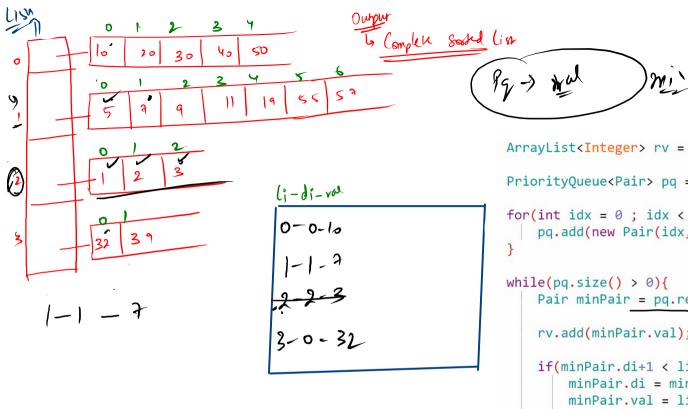


add (rd) $\Rightarrow \overline{O(logn)}$, n = ro. g elements in \underline{RO} . peck ()] > (O(1)) Constant hime #

an: 12 62 22 15 37. 99 11 37. 98 67 31 84 99

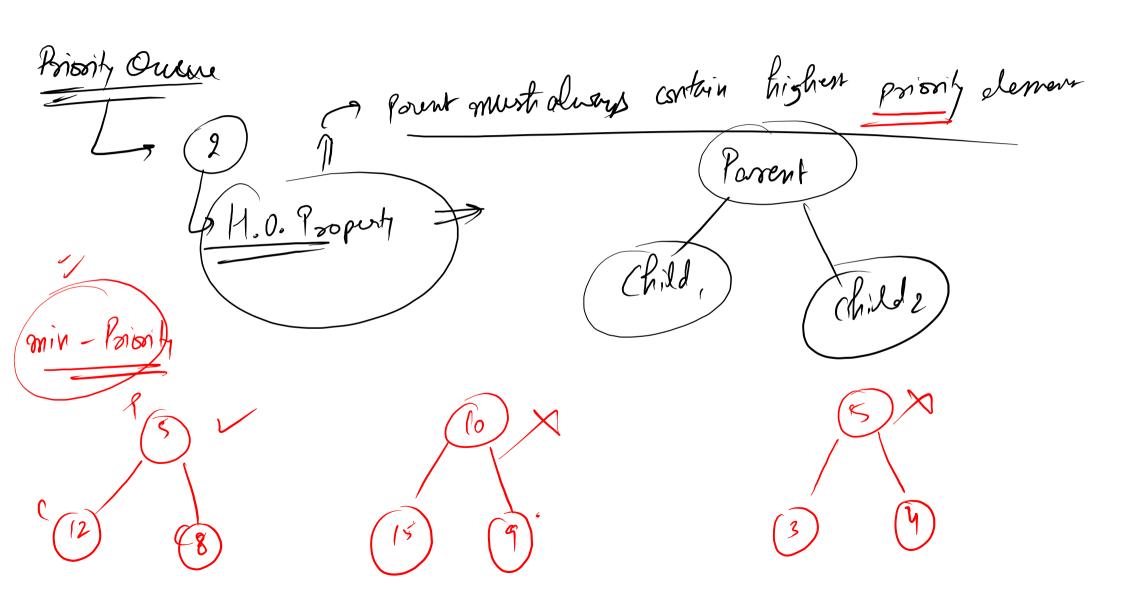
.





```
ArrayList<Integer> rv = new ArrayList<>();
PriorityQueue<Pair> pg = new PriorityQueue<>();
for(int idx = 0 ; idx < lists.size() ; idx++){</pre>
   pq.add(new Pair(idx,0,lists.get(idx).get(0)));
while(pq.size() > 0){
    Pair minPair = pq.remove();
    rv.add(minPair.val);
    if(minPair.di+1 < lists.get(minPair.li).size()){</pre>
        minPair.di = minPair.di+1;
        minPair.val = lists.get(minPair.li).get(minPair.di);
        pq.add(minPair);
return rv;
```

m loy K



(BT)

Complex Binony True

4) only last level con be

incomple h

adding (to R

