

Priority Queue min primority queue Priority One < Integer > 19= New Priority One <7 ();

Ly minimum element will be removed first. =) non fusionity que Priority Queue < Integer > Pq= new Priority Queue <> Collections reverse Duder);
Les monuments dessent well be removed finish. # functions lugn 4) Sire = 19. sire(), pq. odd (5);

1) add 7) pg. bak(); 0(1)
2) pak + pg. pak(); 6pn
3) pamon + pg. poll(); 6pn
0(n) >> 0 (logn)

```
public int findKthlargest(int□ nums, int k) {
    int n=nums.length;
    PriorityQueue<Integer> pq=new PriorityQueue<>(Collections.reverseOrder());
    for(int i=0; i<n; i++){
        pq.add(nums[i]);
    }
}
```

```
min = | k largert | s, b elements
```

```
public int findKthLargest(int[] nums, int k) {
    int n=nums.length;

    PriorityQueue<Integer> pq=new PriorityQueue<>();

    for(int i=0; i<n; i++){
        pq.add(nums[i]);

        if(pq.size()>k){
            pq.rembove();
        }
    }

    return pq.remove();
}
```