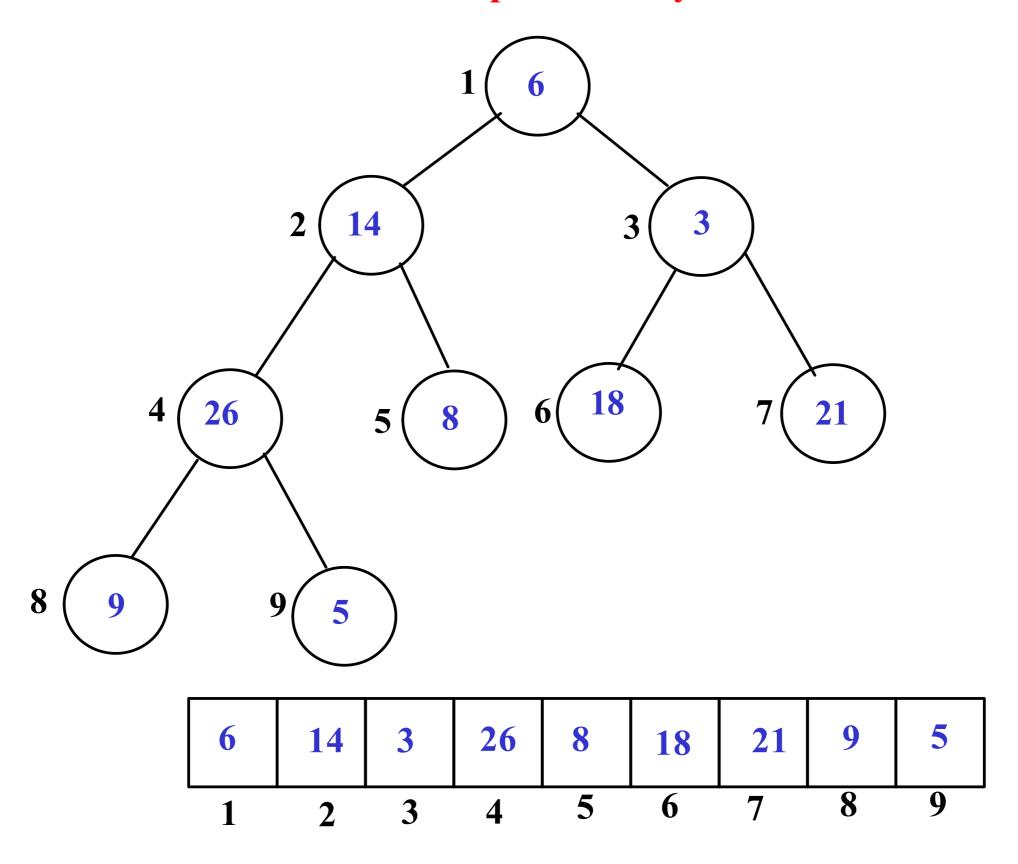
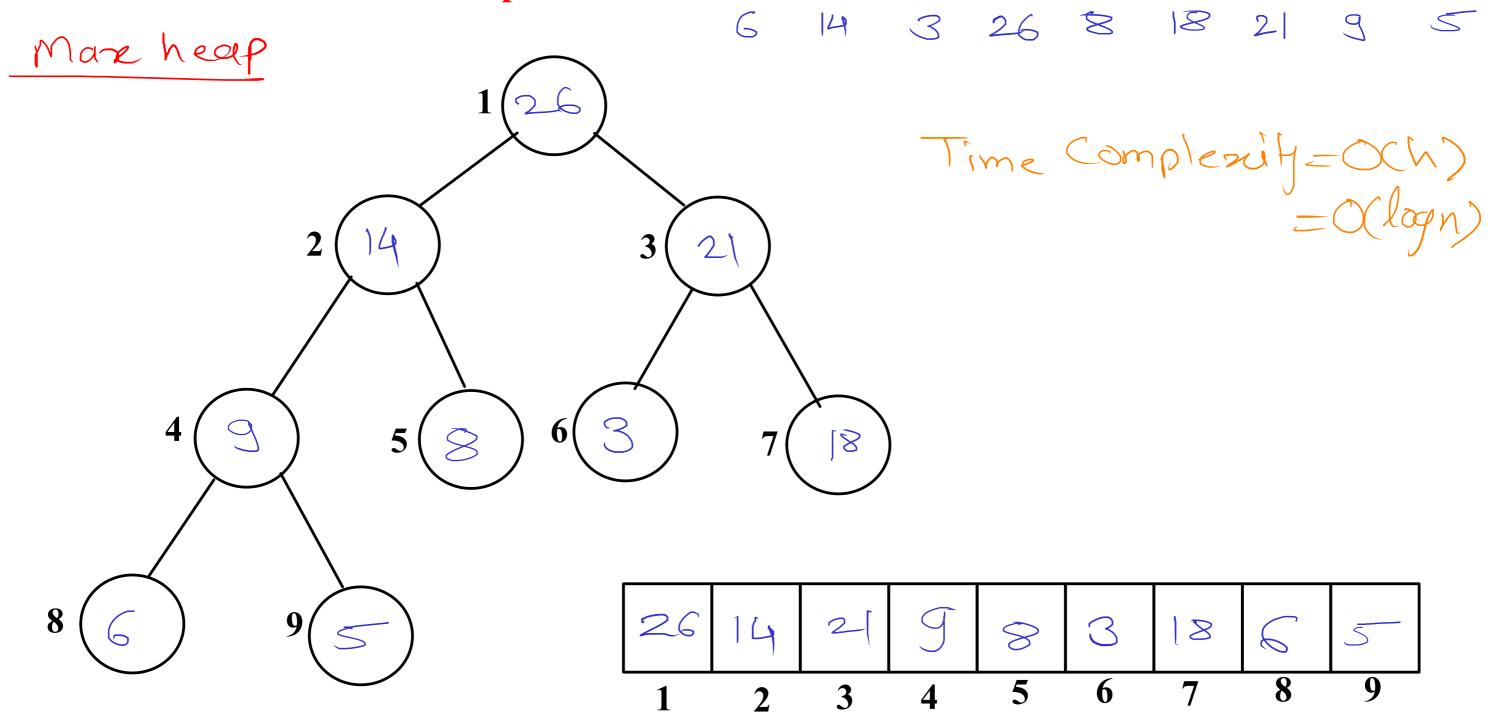
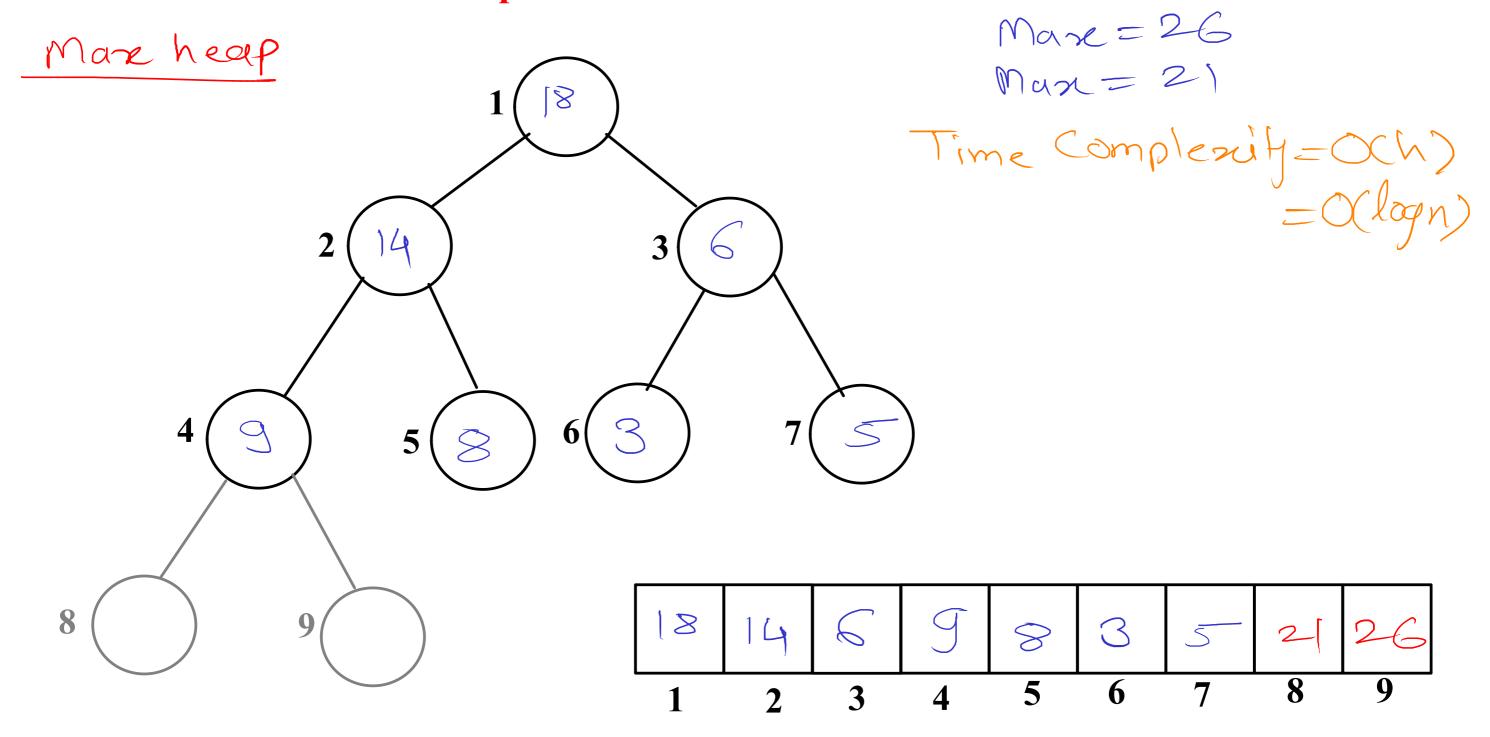
Almost Complete Binary Tree



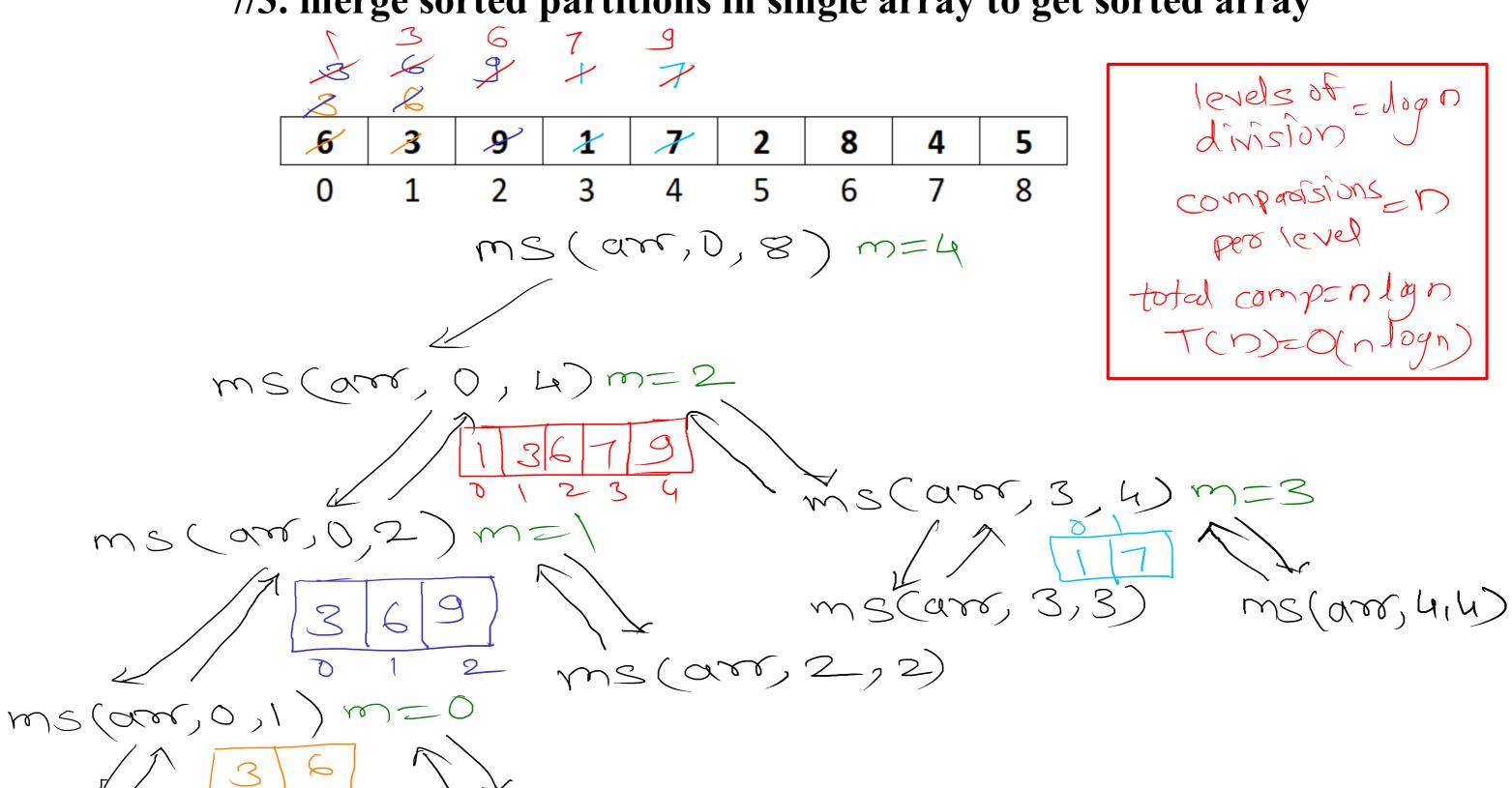
Create Max Heap



delete Max Heap



- //1. divide collection(array) into two partitions (parts)
- //2. sort individual partition seperately
- //3. merge sorted partitions in single array to get sorted array



//1. select one referance/axis/pivot element from array

//i. pivot = leftmost element

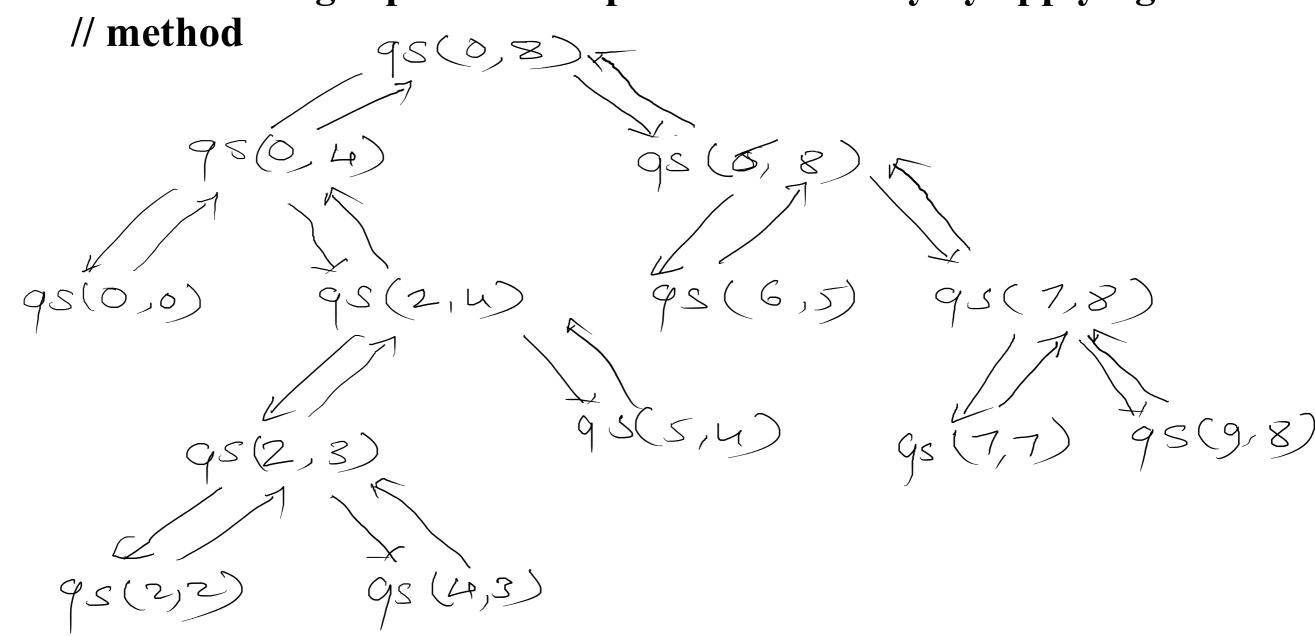
//ii. pivot = rightmost element

//iii. pivot = middle element

//2. arrange all lesser elements than pivot on left side of pivot

//3. arrange all greater elements than pivot on right side of pivot

//4. sort left and right partition of pivot individually by applying same



Quick Sort

