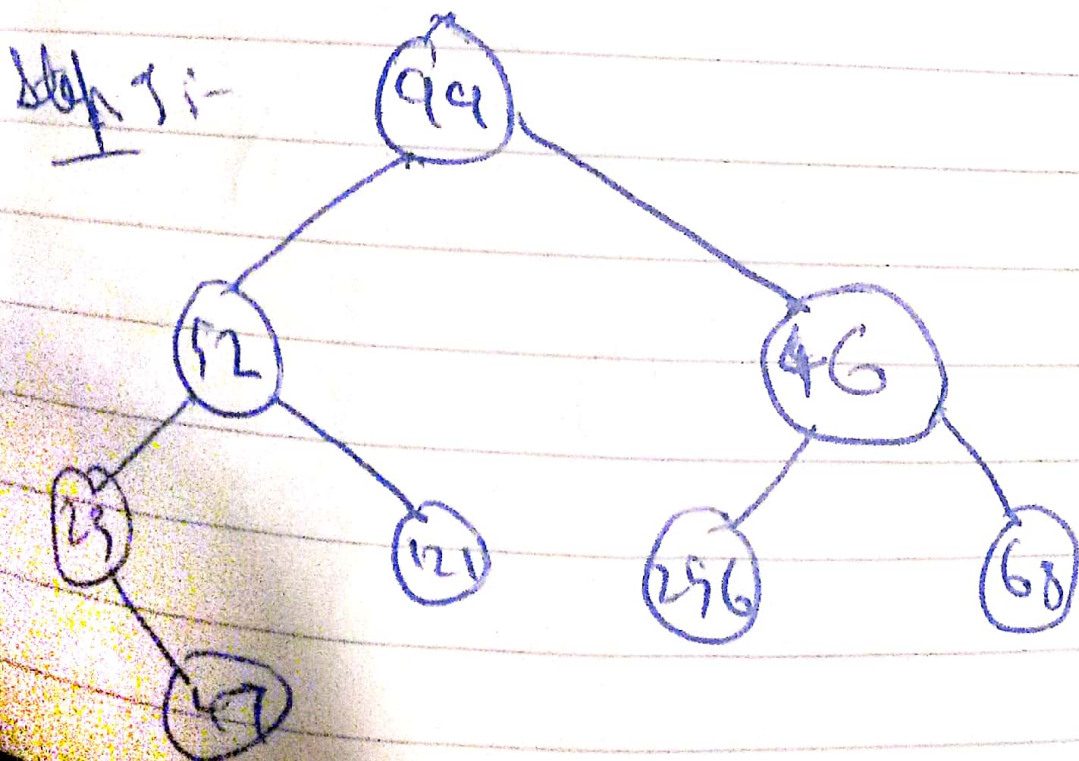
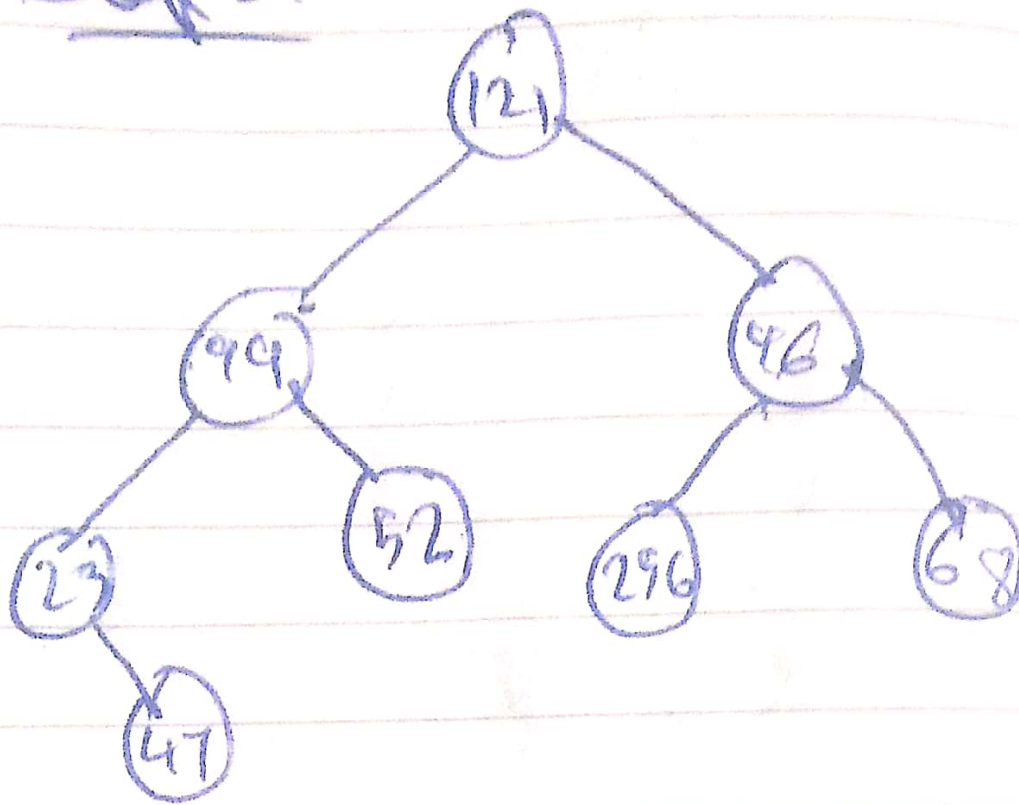


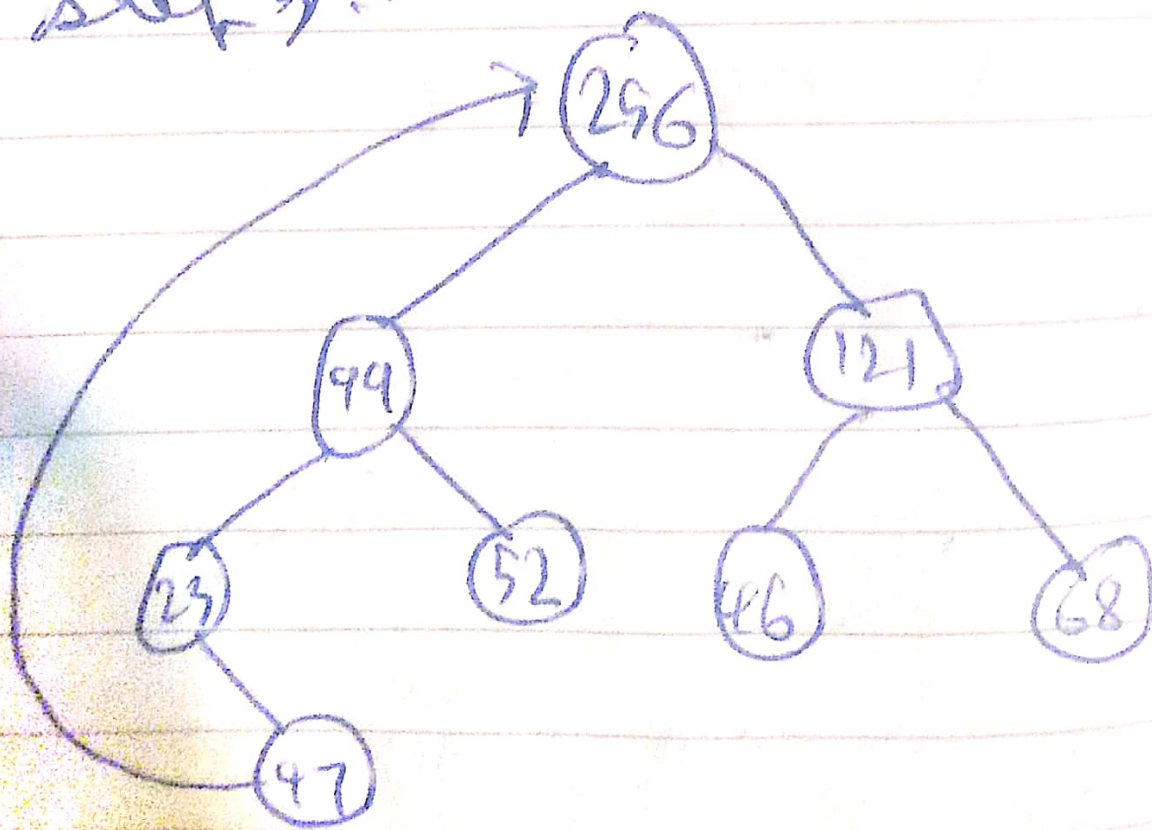
Build max-heap:-



Step 2:

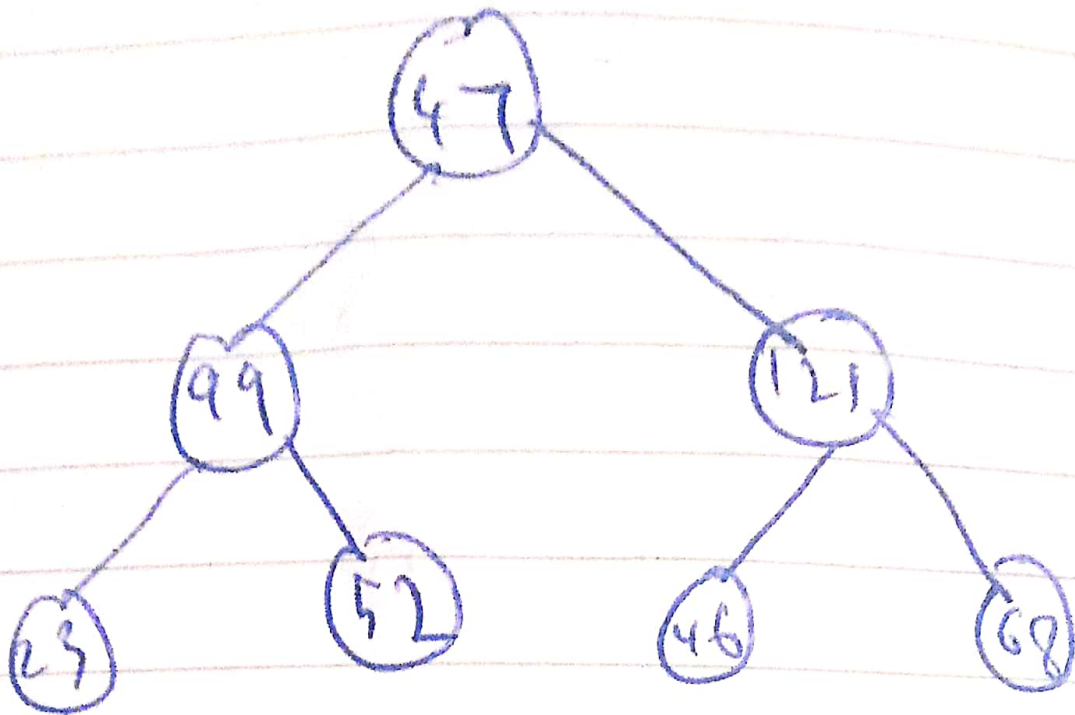


Step 3:



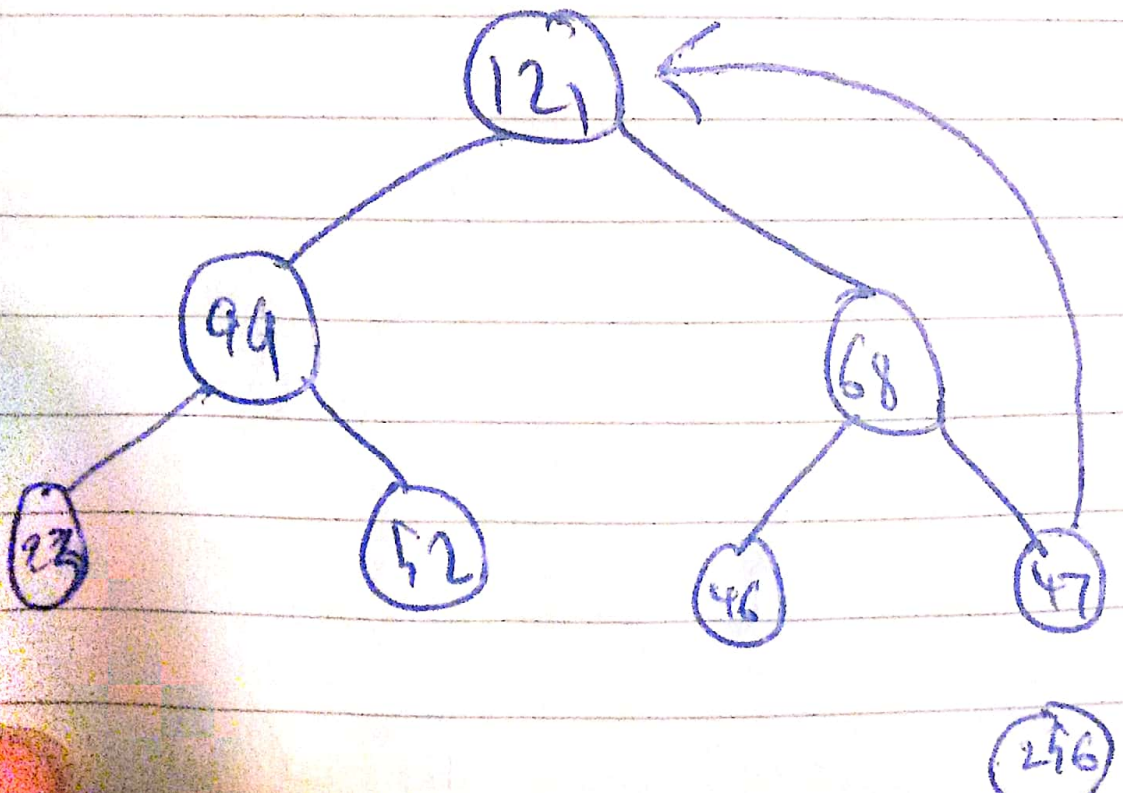


Heapify :-

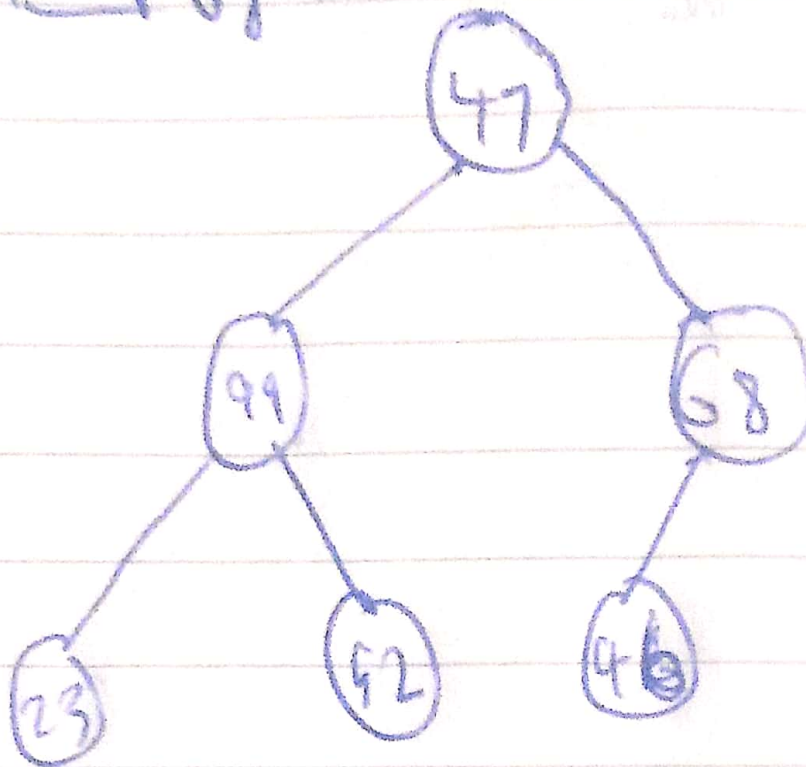


Max-heap :-

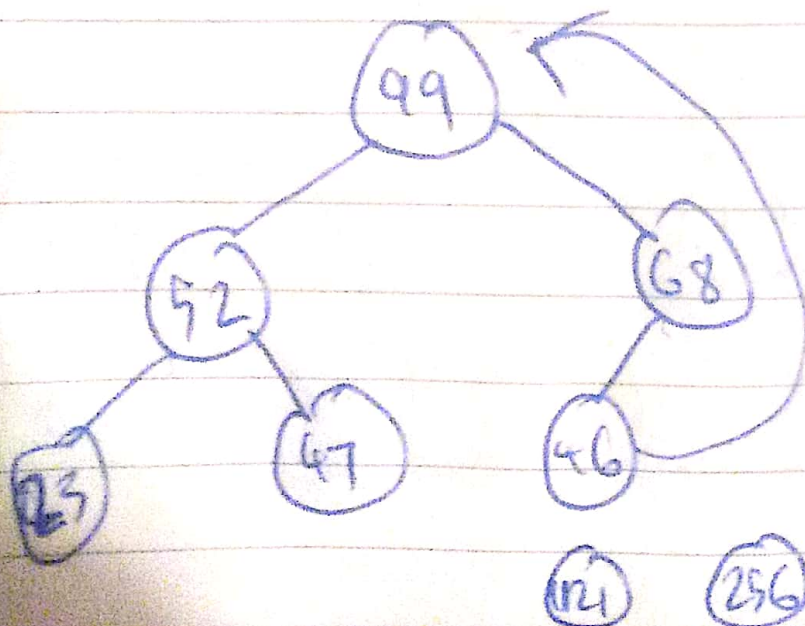
(256)



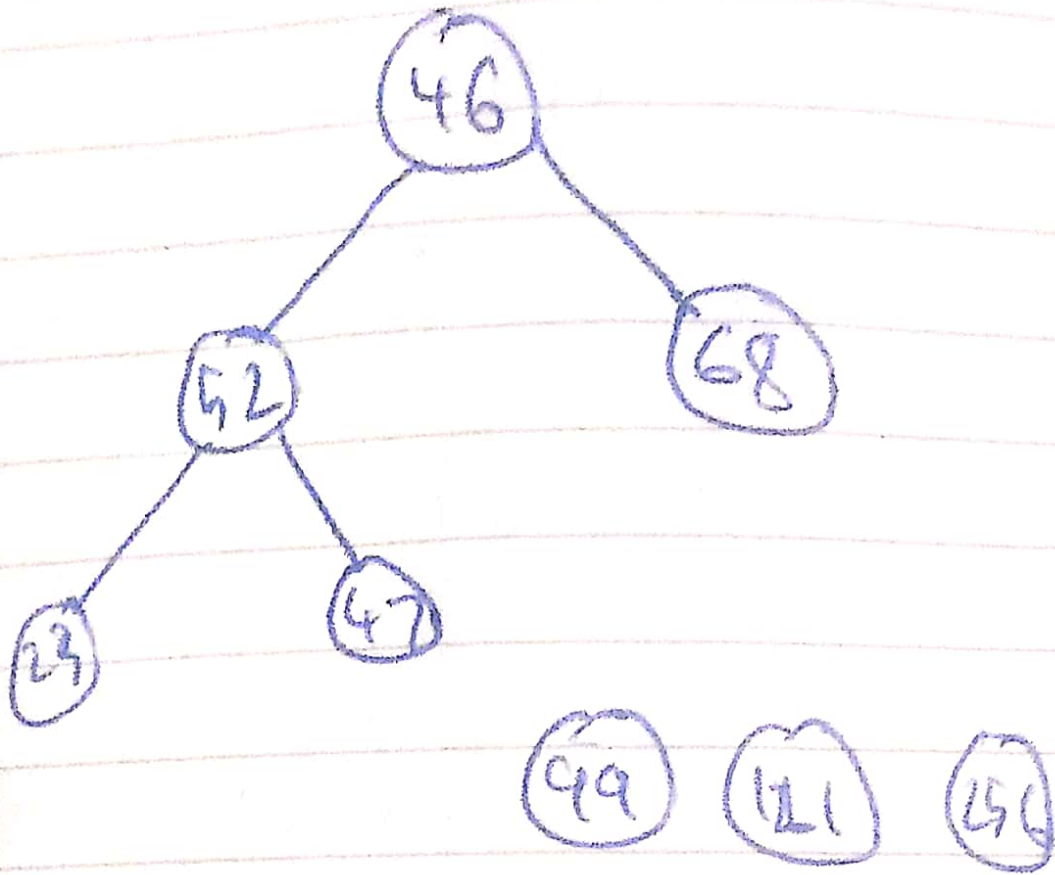
Heapify :-



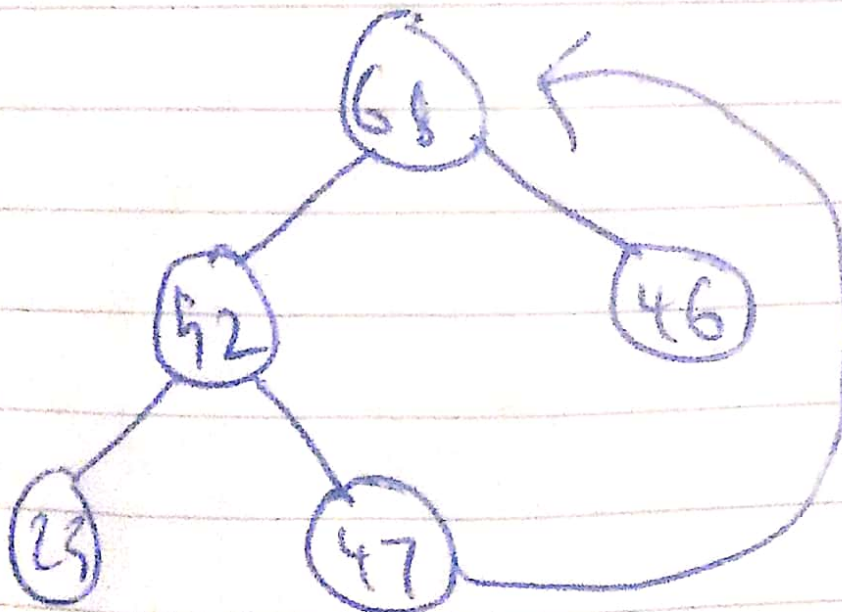
max-heap



Heapify 2



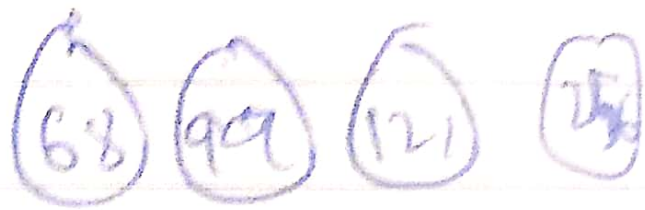
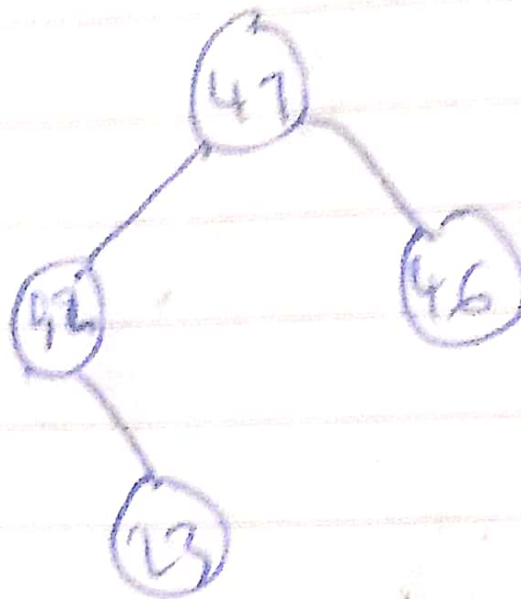
More heap:



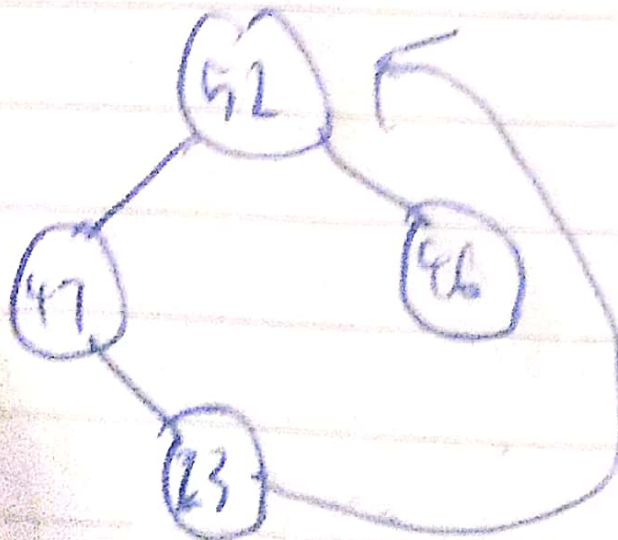


Heapify:

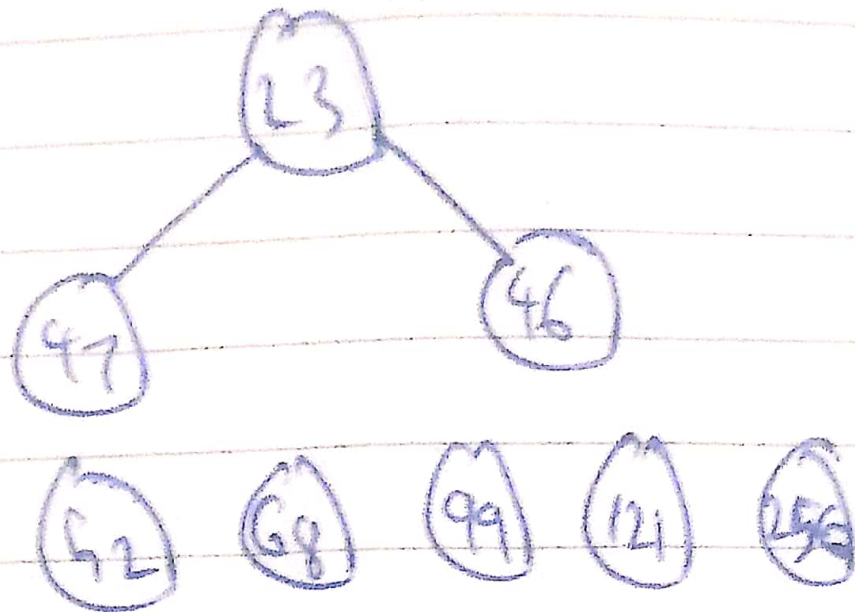
14



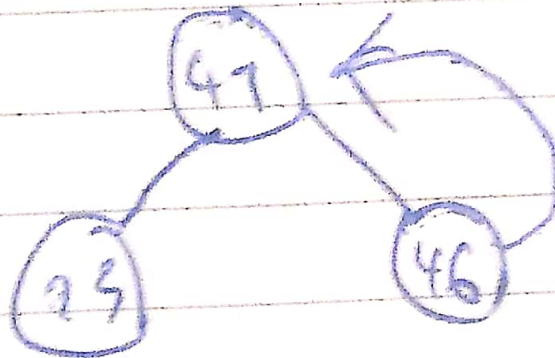
Max-heap



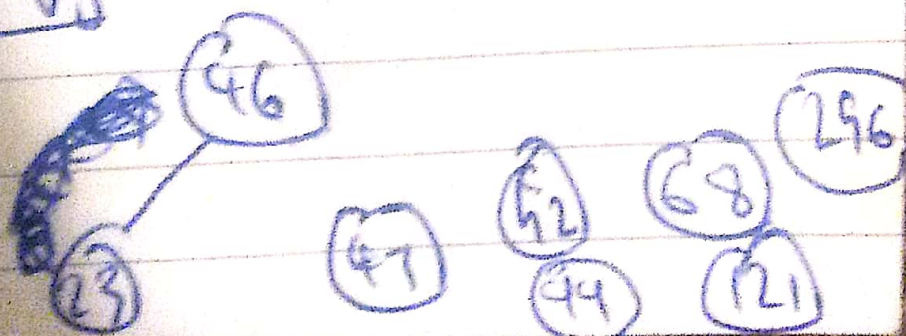
Heapify:



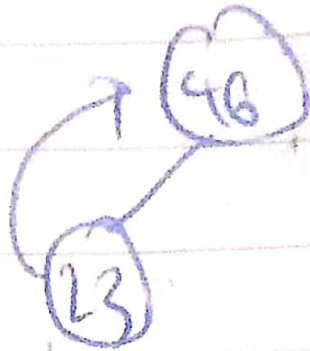
max-heap:-



Heapify:



max-heap is



$\therefore$  (23), (46), (47), (52),  
(68), (99), (121), (286)