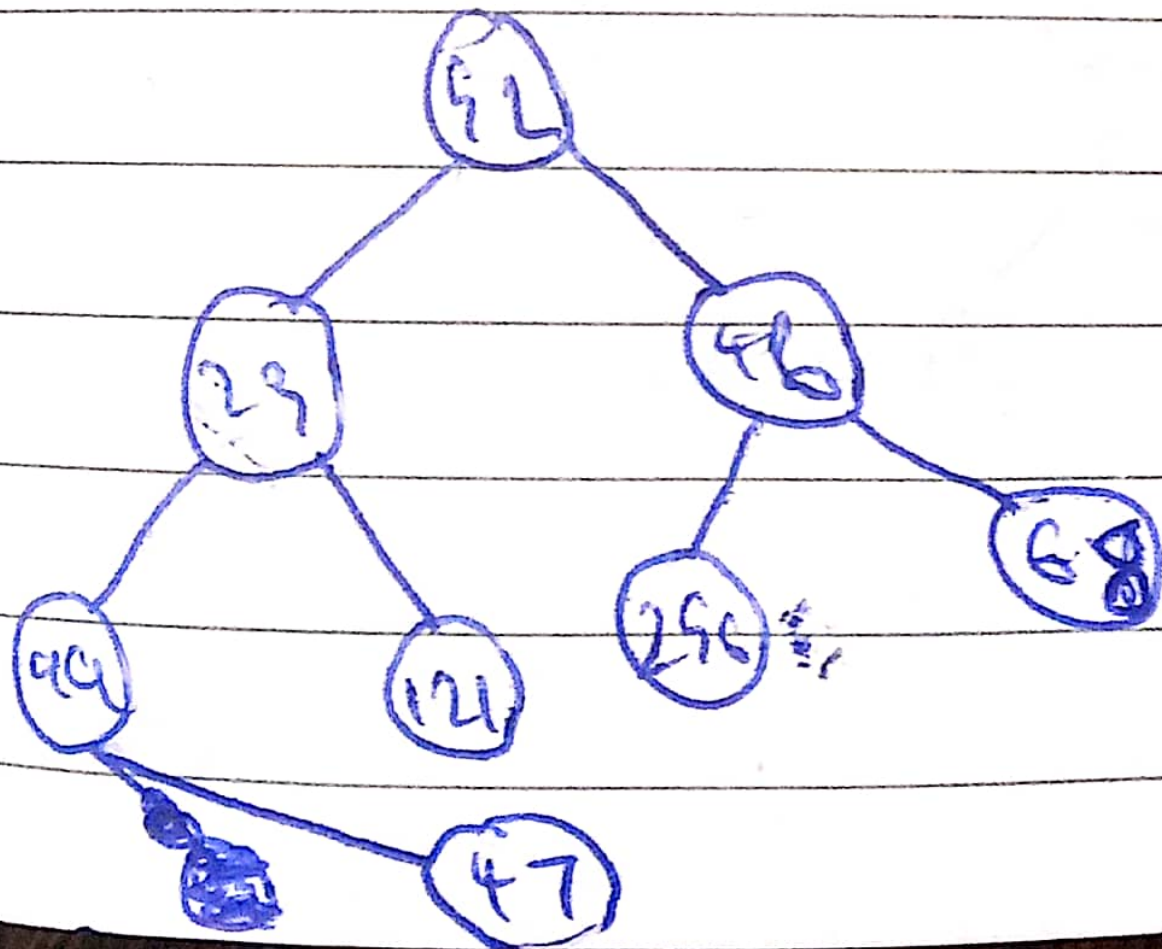
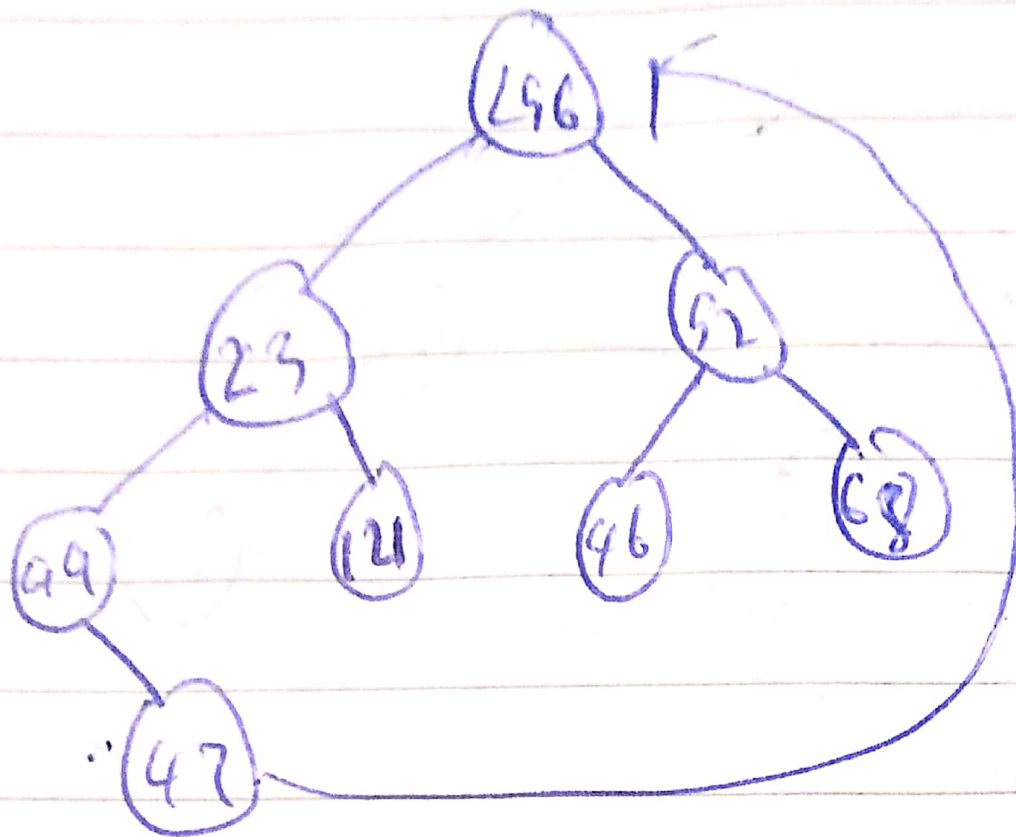


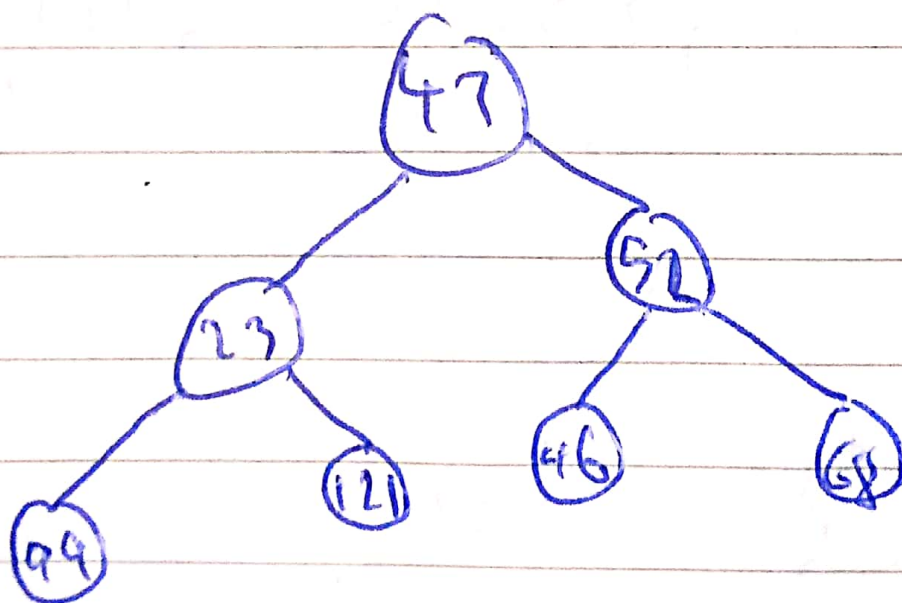
Arr = 52, 23, 46, 99, 121, 256,
68, 47



Max heap

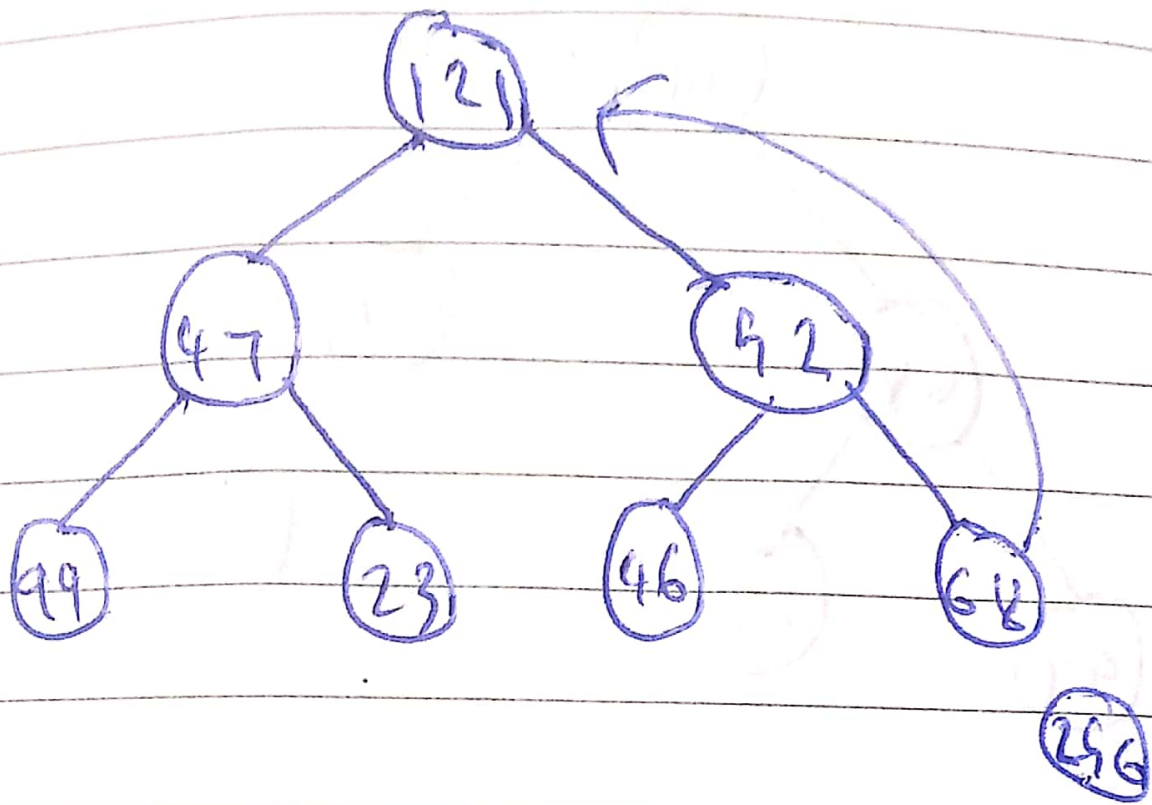


Step 1:-

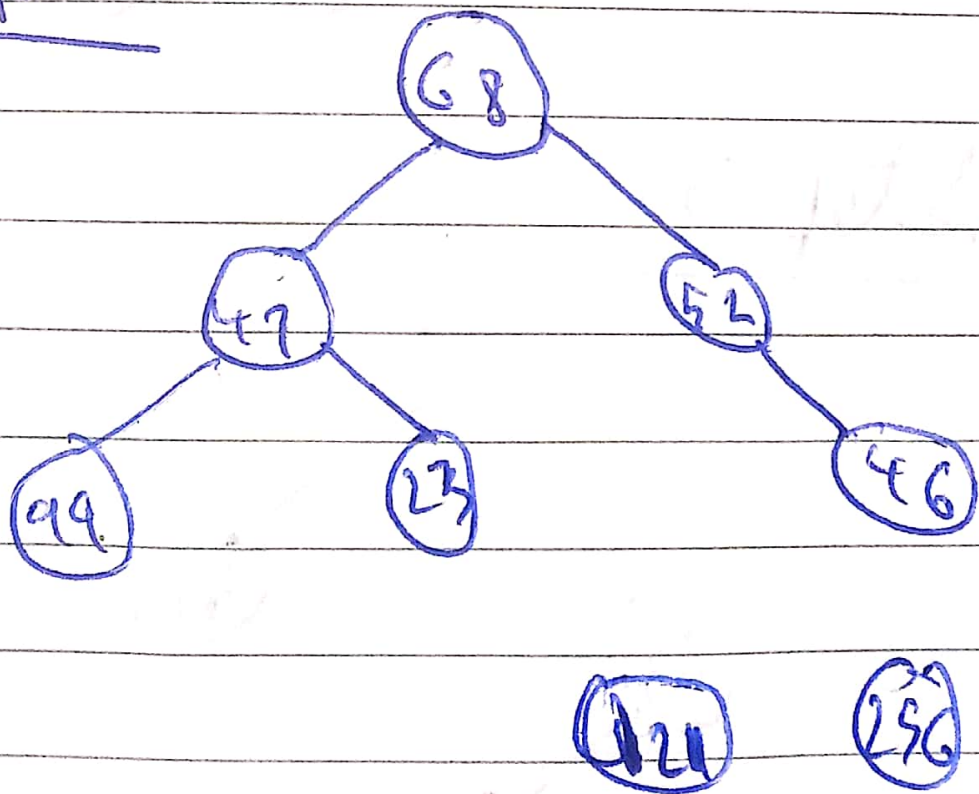


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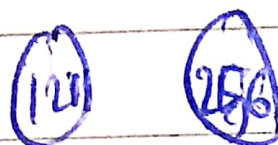
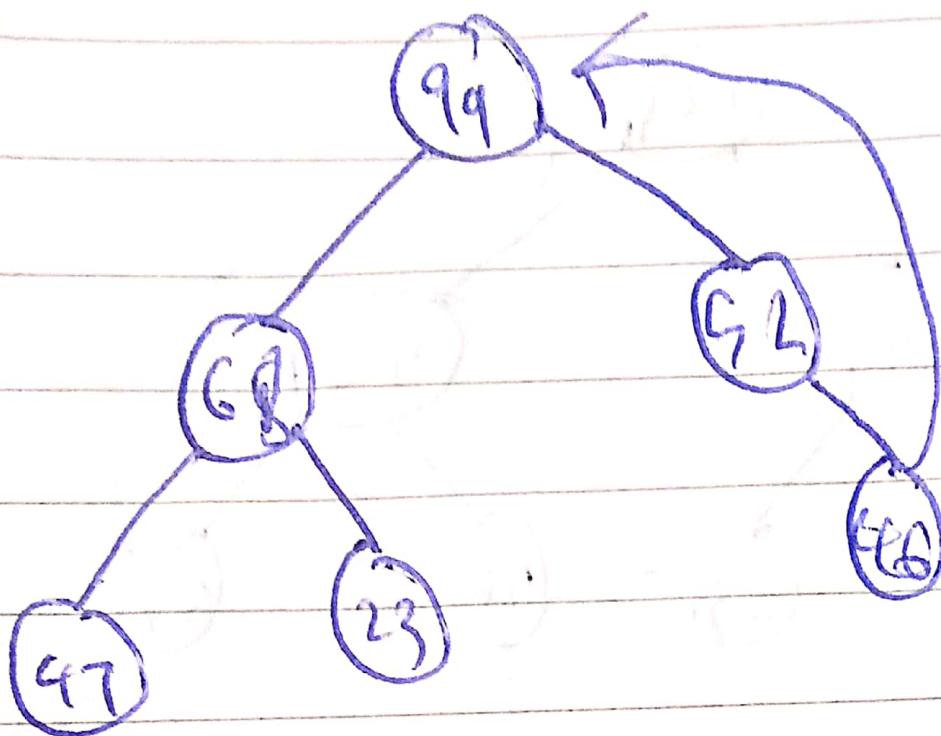
Max heap :



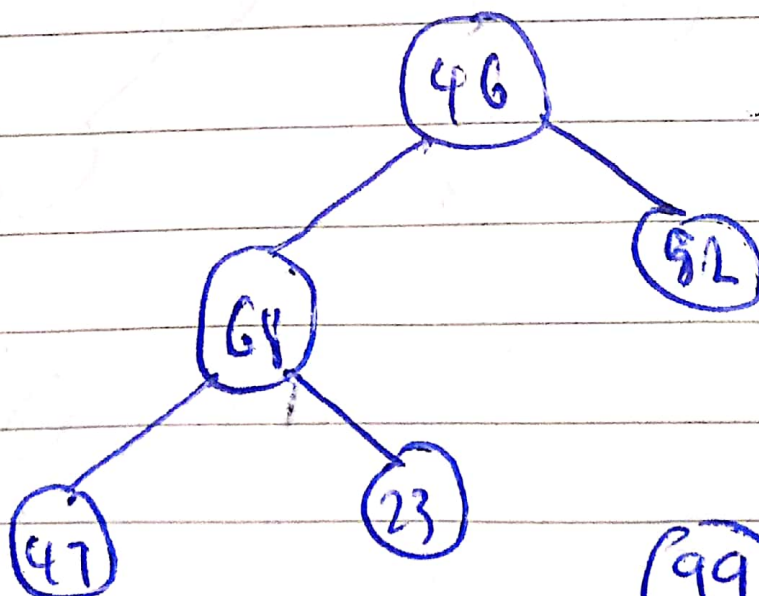
Step 2 :



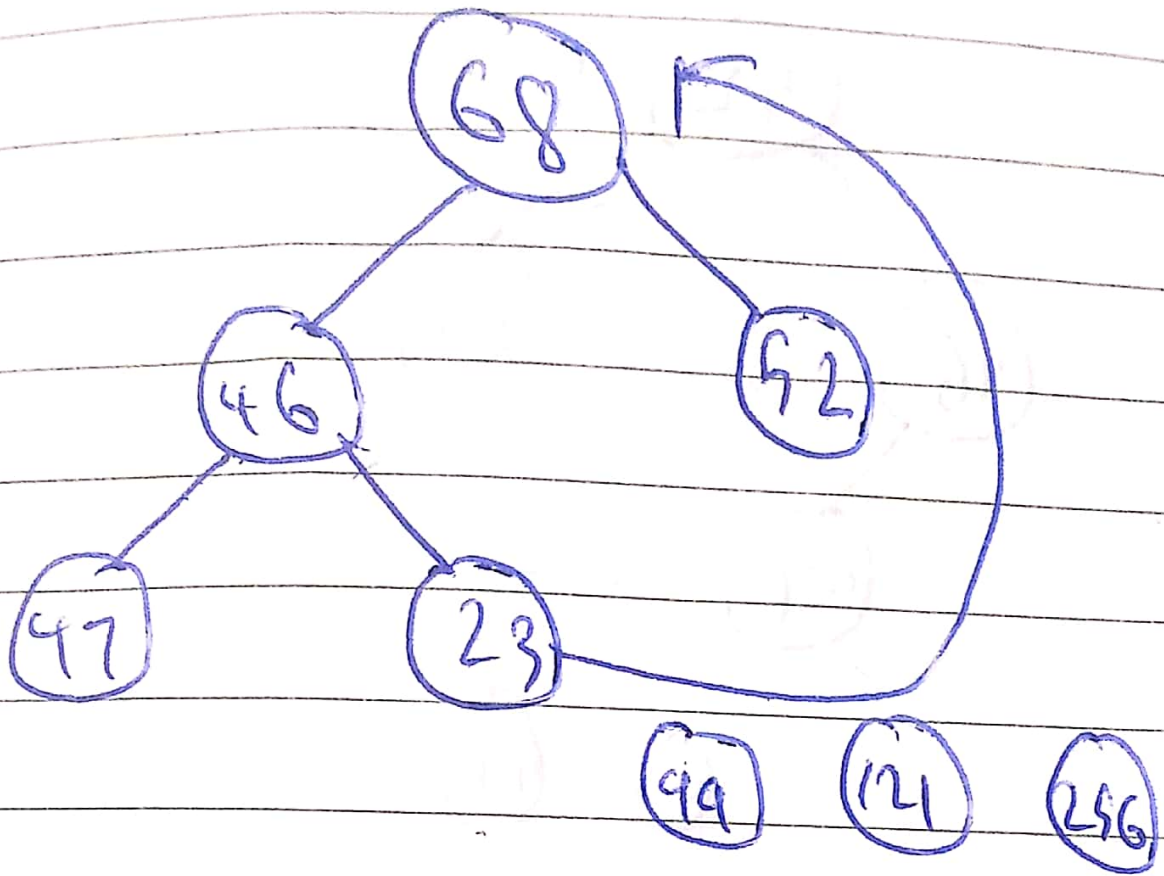
Max heap :



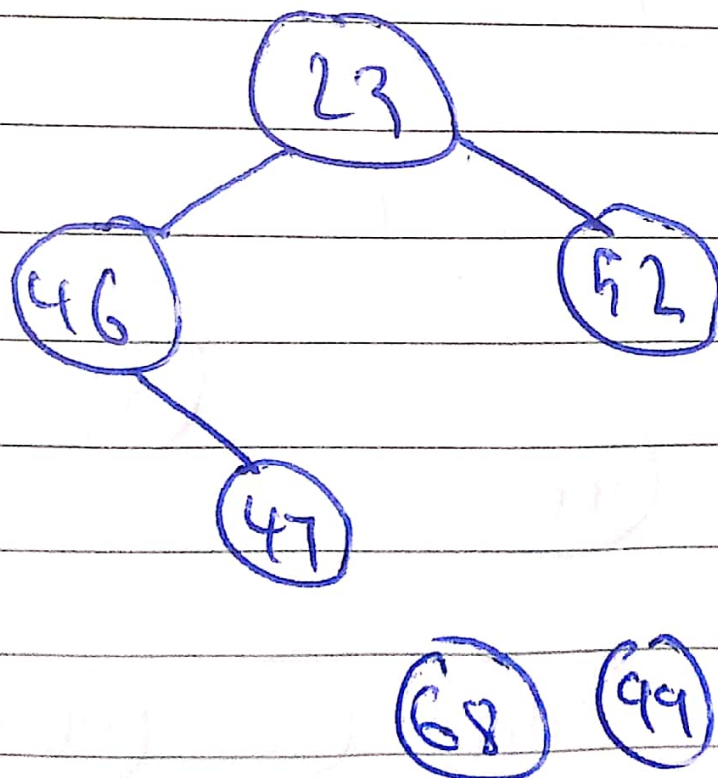
Step 3 :



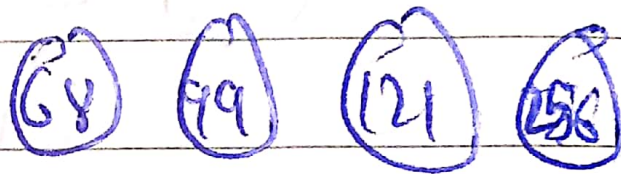
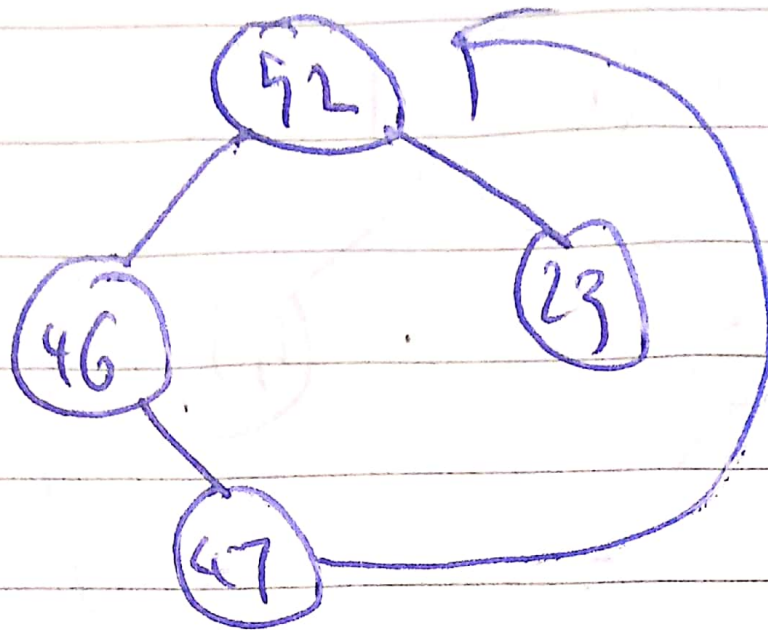
max heap :-



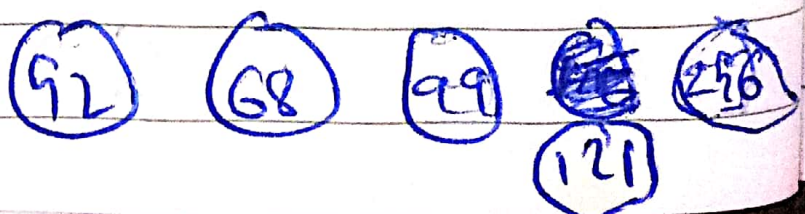
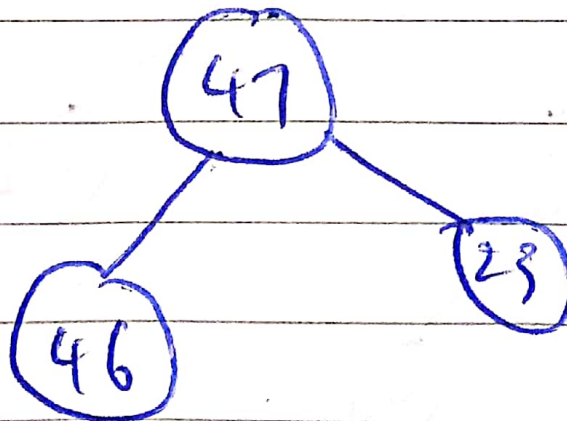
Step 4 :-



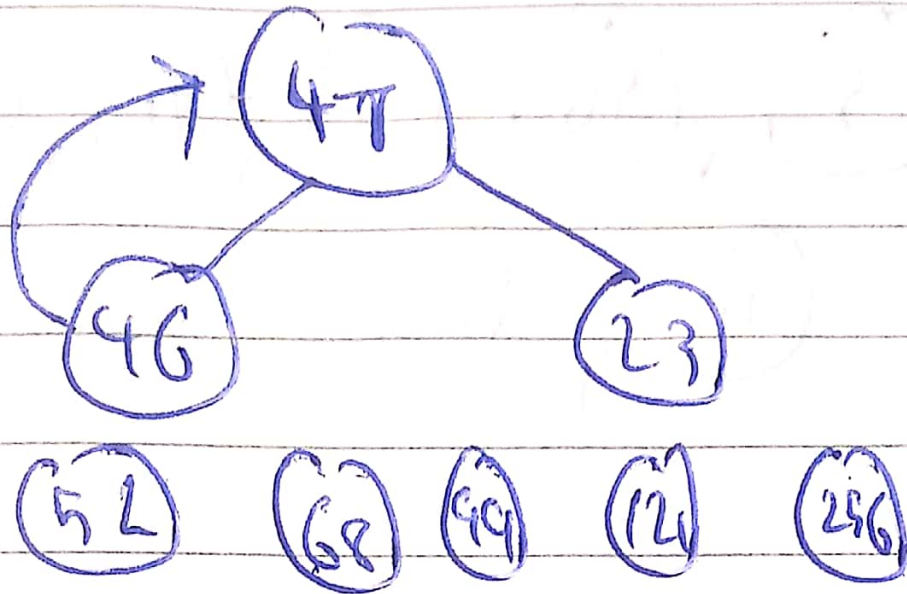
max heap



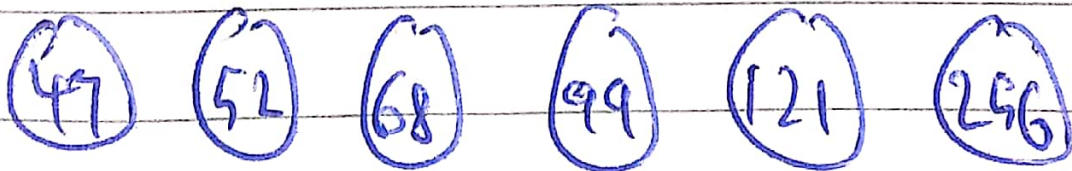
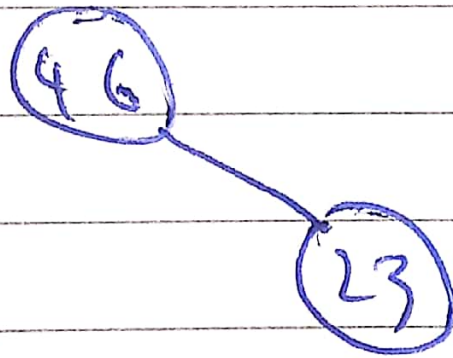
Step 5



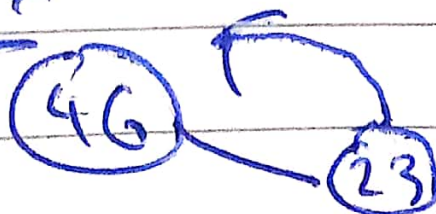
max heap



step 6



max heap



Stop 7m

(23), (46), (47), (5L), (68), (79),
(121), (256)