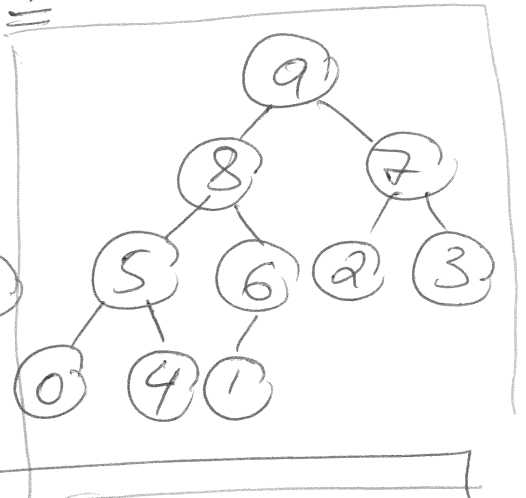
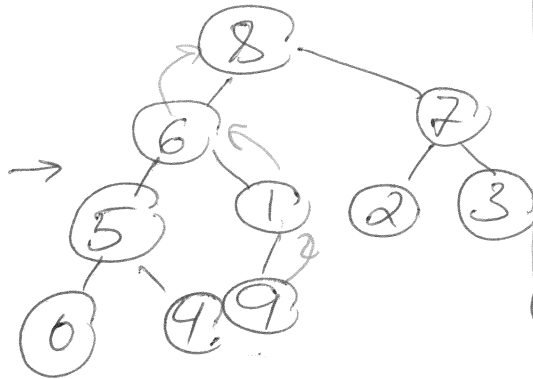
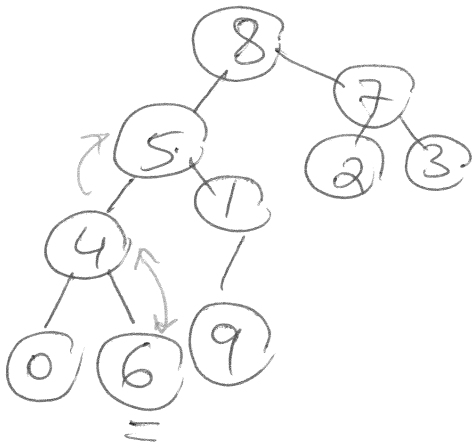
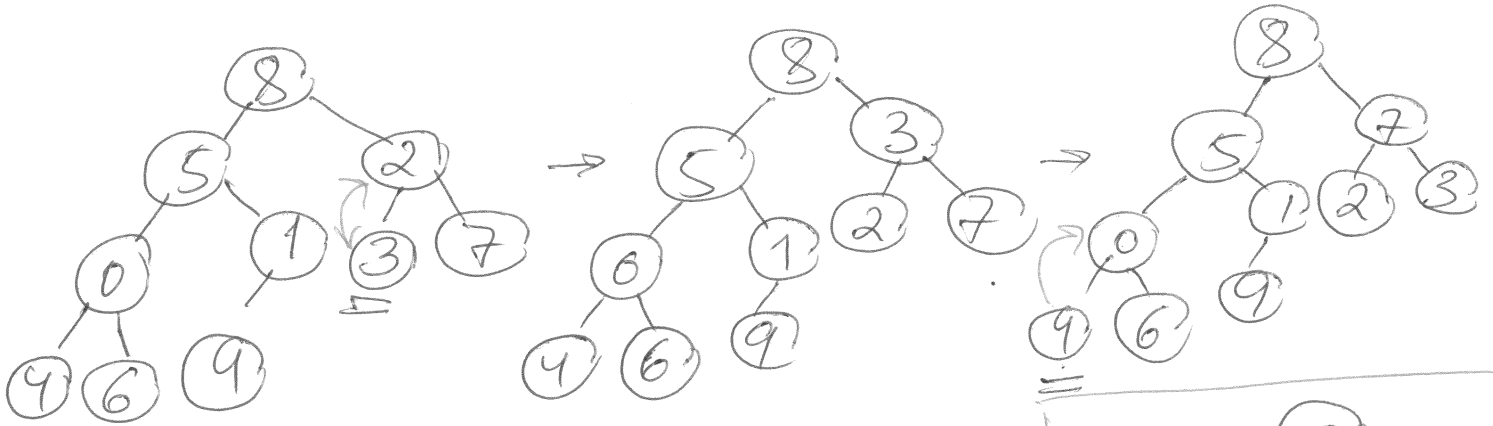
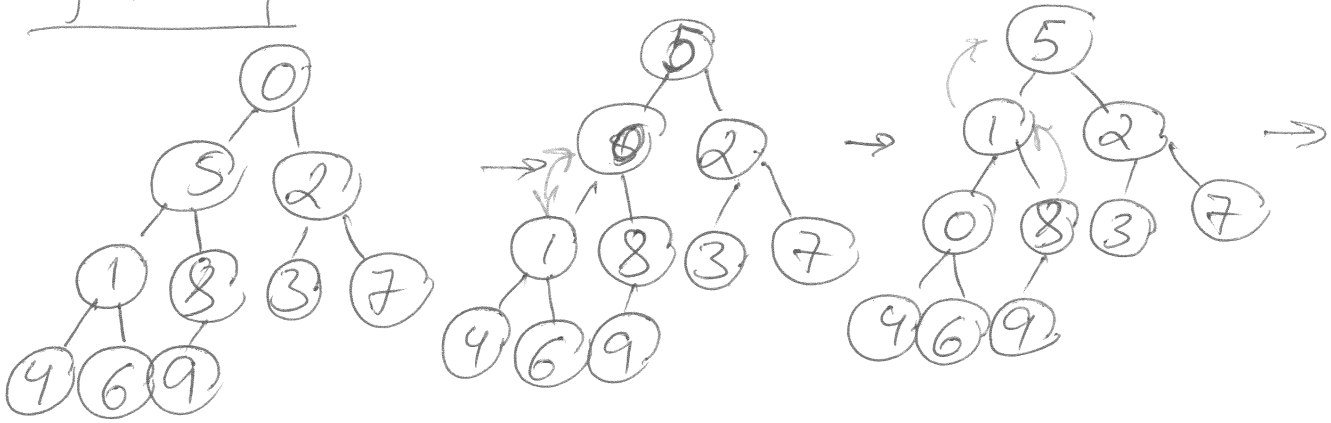


0, 5, 2, 1, 8, 3, 7, 4, 6, 9

fix-dp.

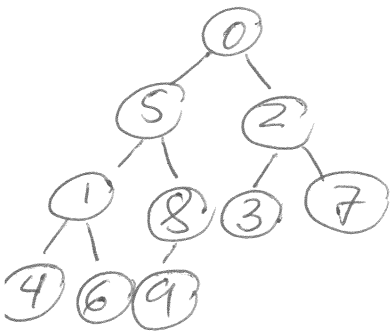


9, 8, 7, 5, 6, 2, 3, 0, 4, 1

fix-down.

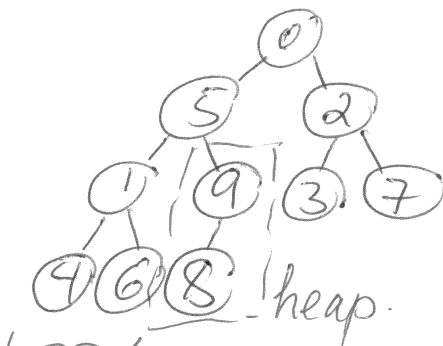
initial array

0	5	2	1	8	3	7	4	6	9
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1) Start with the last element, find a parent parent is smaller \rightarrow swap.

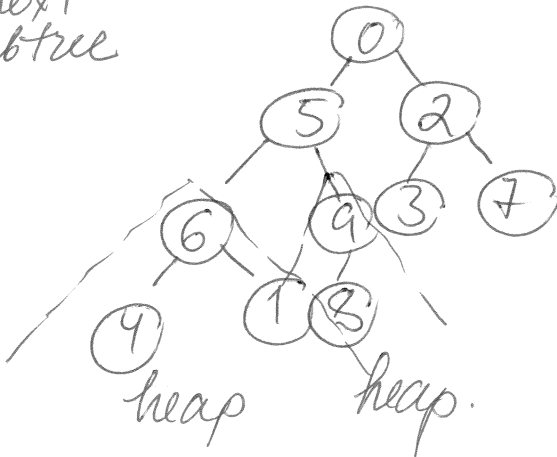
0	5	2	1	9	3	7	4	6	8
---	---	---	---	---	---	---	---	---	---



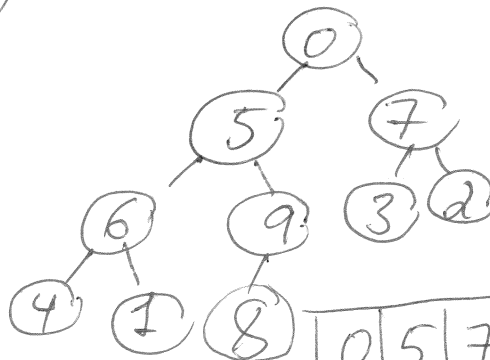
2) Compare 4 8 6, swap 6 with 1.

0	5	2	6	9	3	7	4	1	8
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\uparrow next subtree

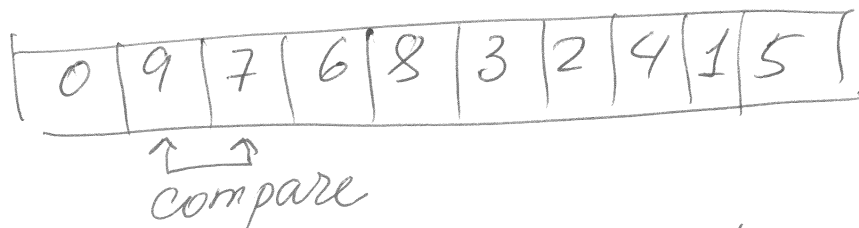
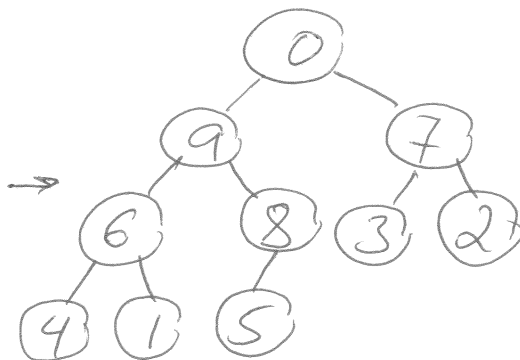
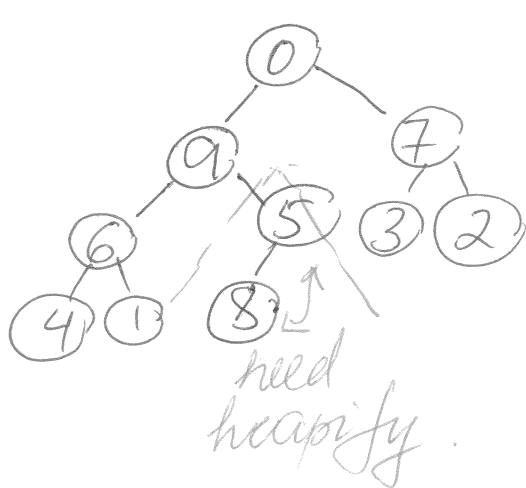


3) look at 3 8 7, swap 7 with 2

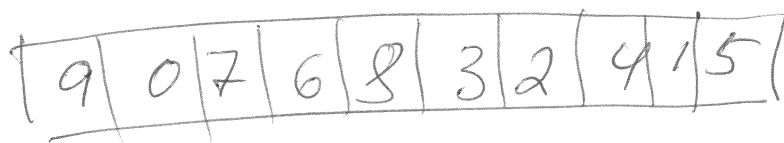
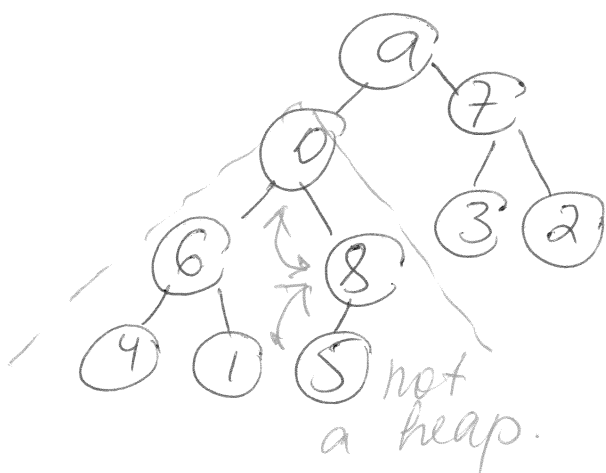


0	5	7	6	9	3	2	4	1	8
---	---	---	---	---	---	---	---	---	---

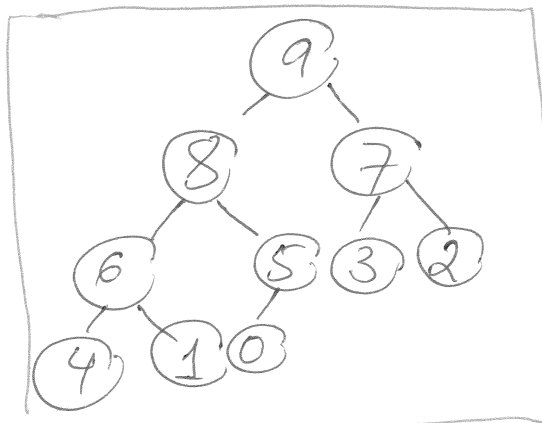
- ④ 5 has 2 children: 6 & 9.
9 is largest, swap with 5.



- ⑤ Compare 9 & 7, swap 9 with 0.



- ⑥ Resulting tree



Resulting array

