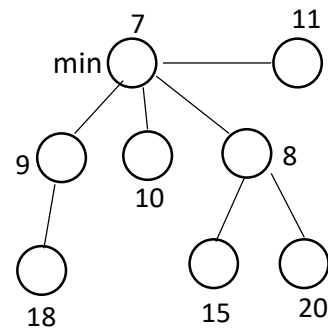
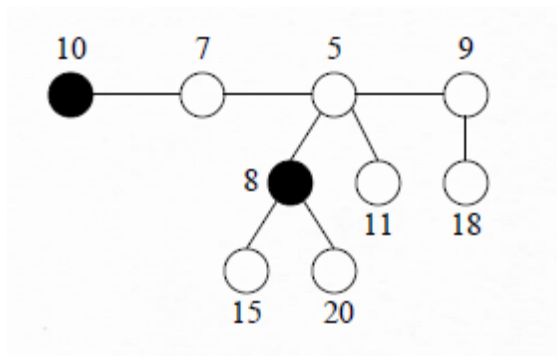
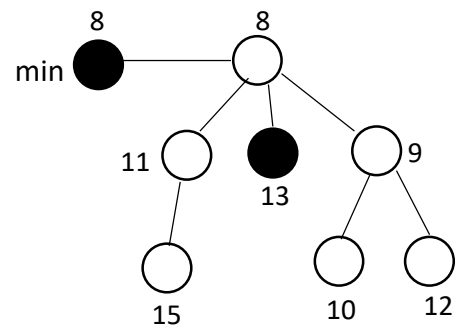
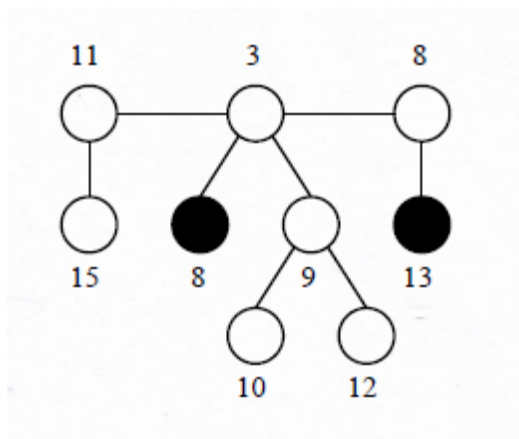


Variation 1:



Variation 2:



Grading guidelines:

1. Order of roots in root list or order of children of nodes are ignored. Marks given as long as structure is ok with correct values against nodes at each level.
2. 1 mark deducted if min is not pointed out, it is an integral part of the definition of a fibonacci heap.
3. If the structure is ok, but values are wrong, 2 marks given out of 5.
4. TA may have used other marking rule at his discretion for mistakes not falling in the above categories.