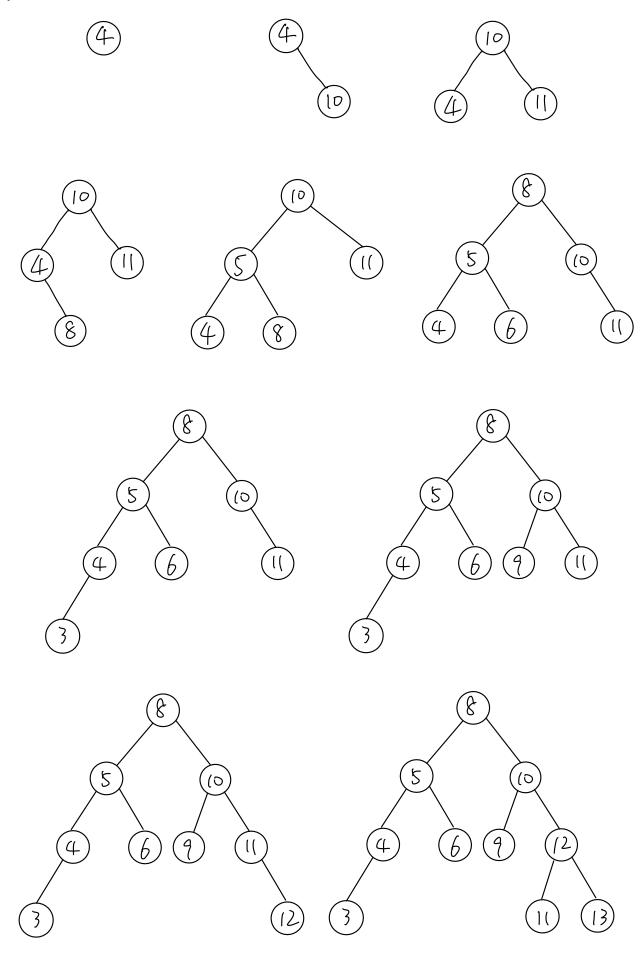
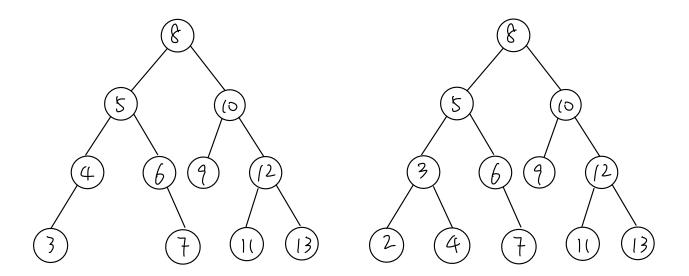
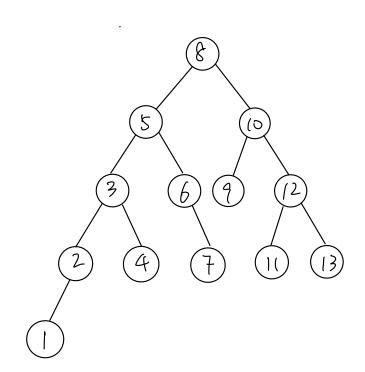
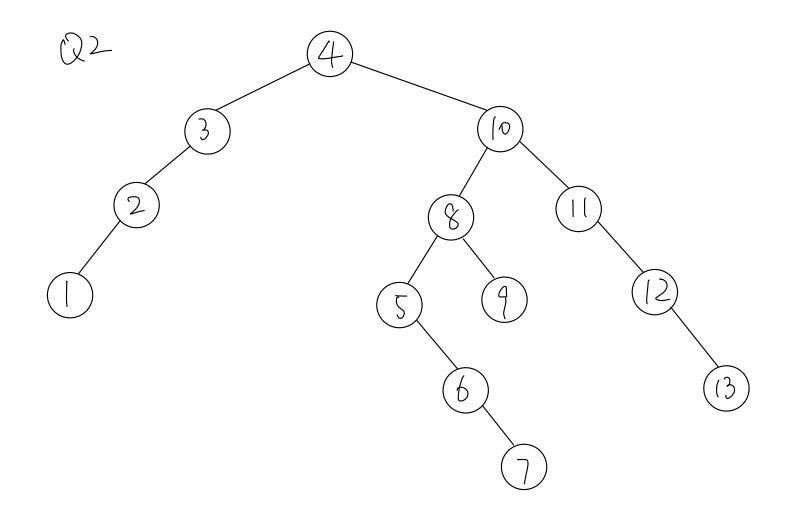
QI.









Q3.  $O(n^2)$