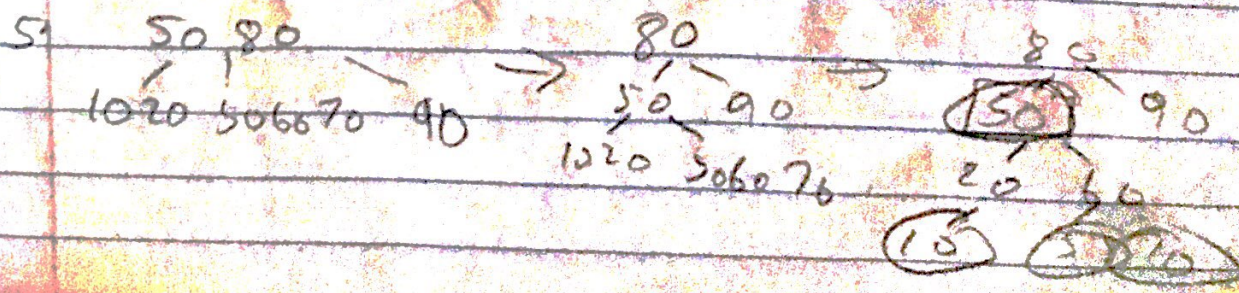
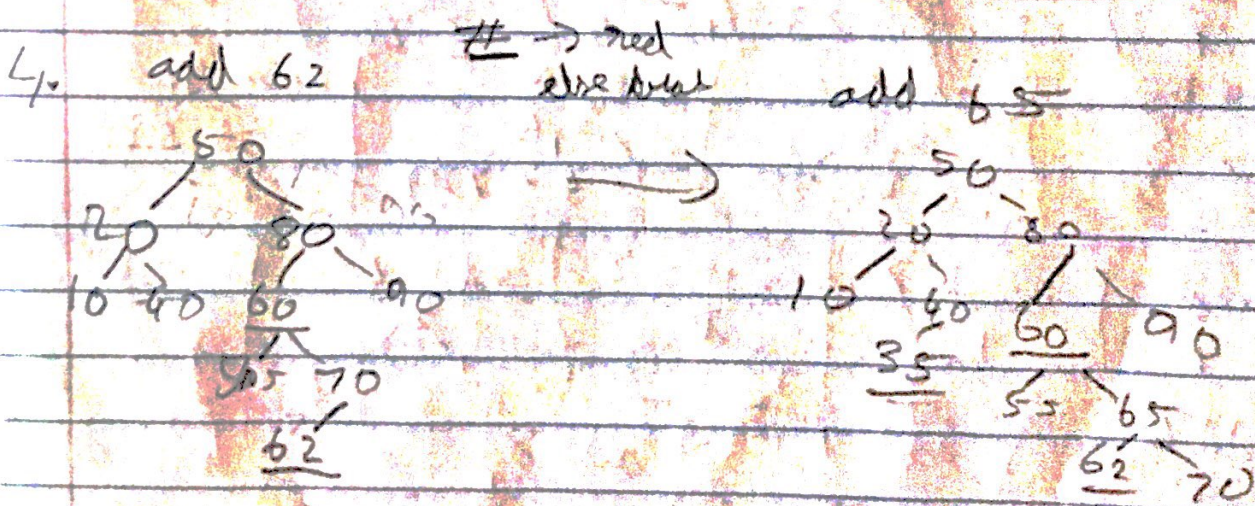
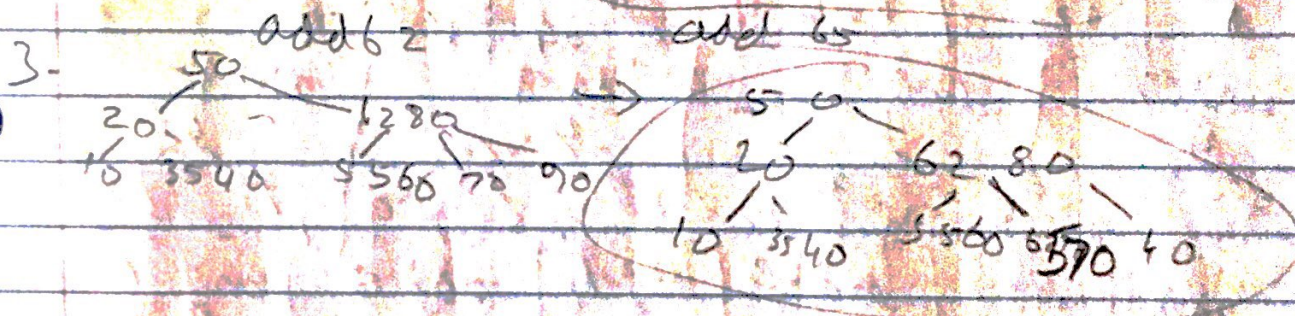
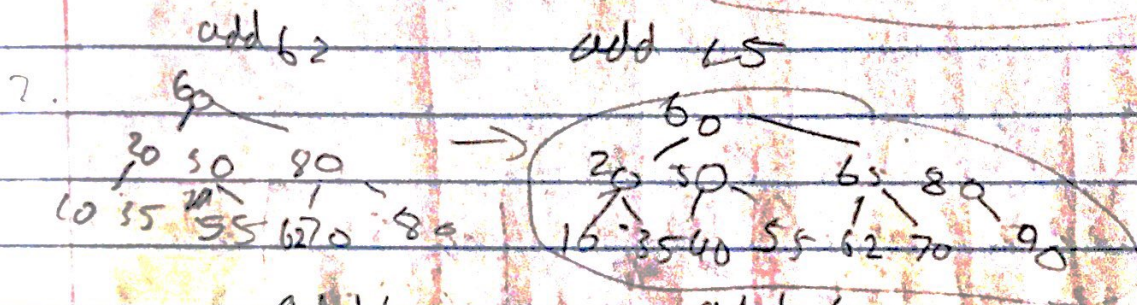
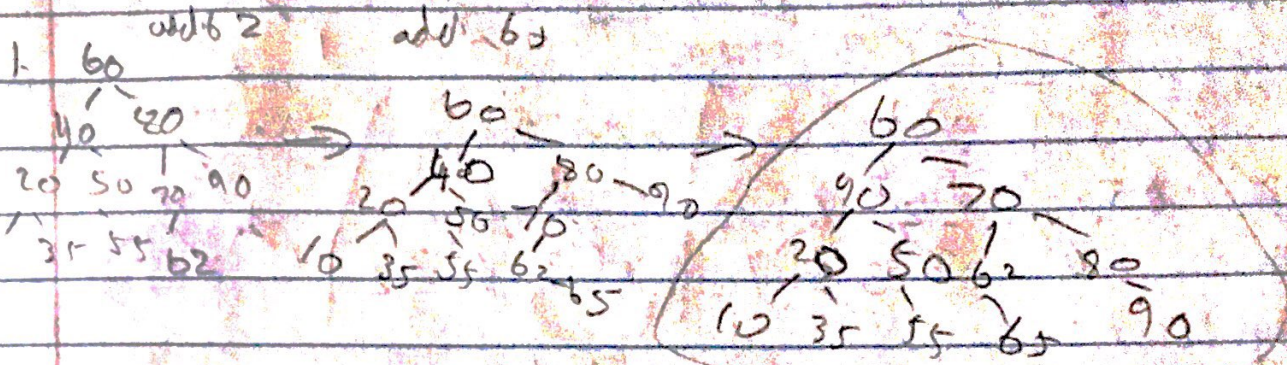
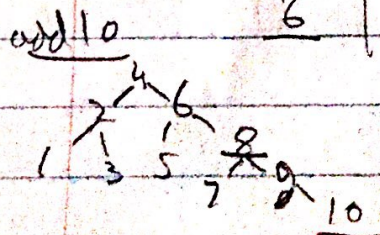
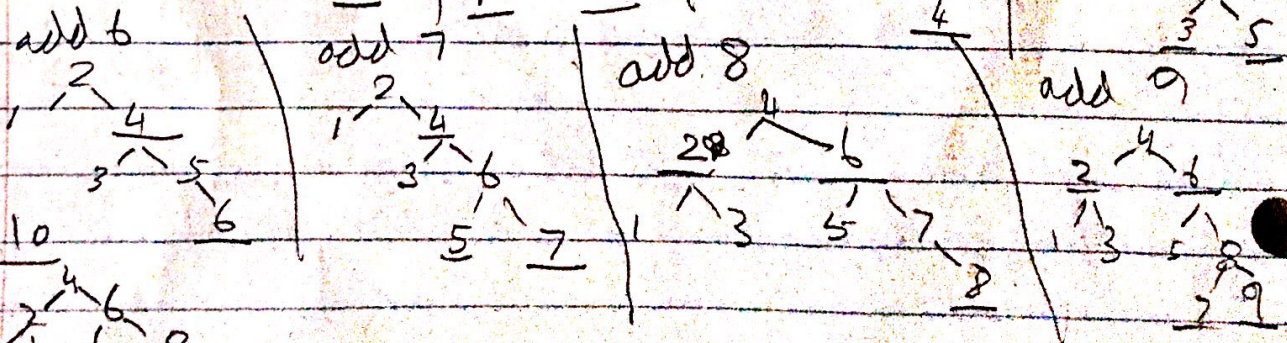
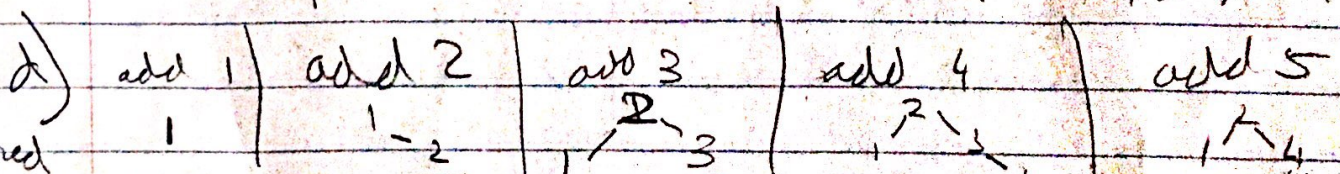
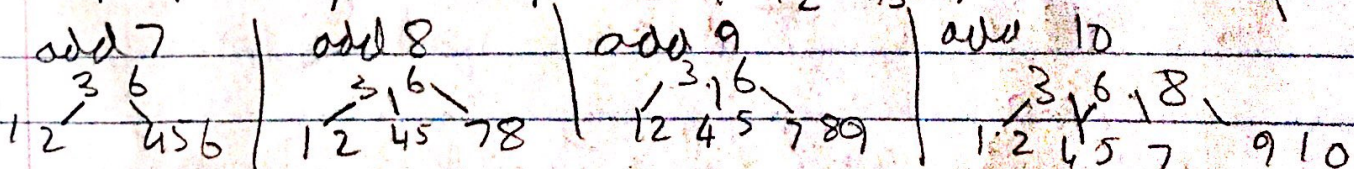
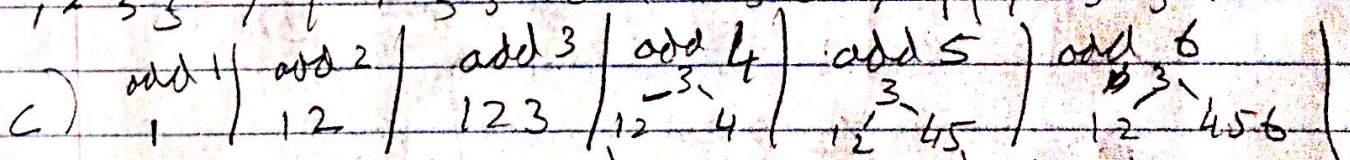
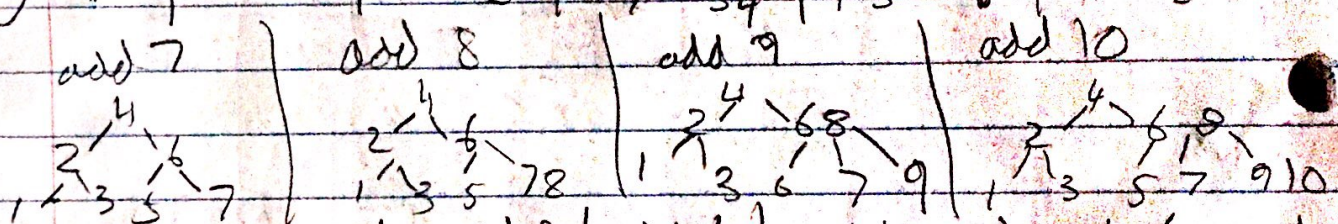
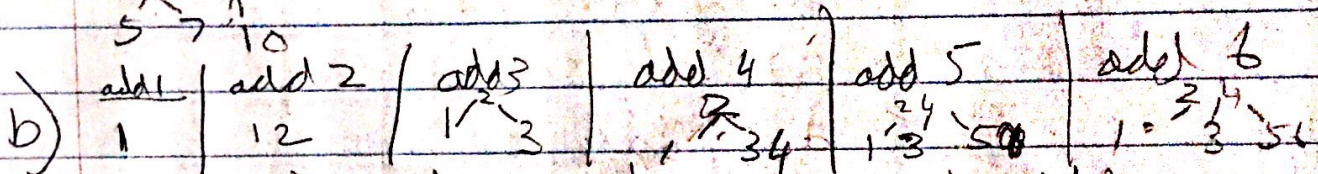
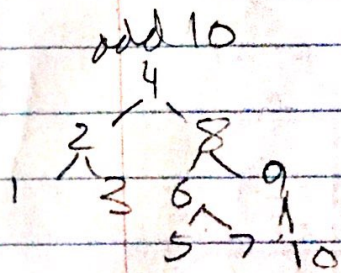
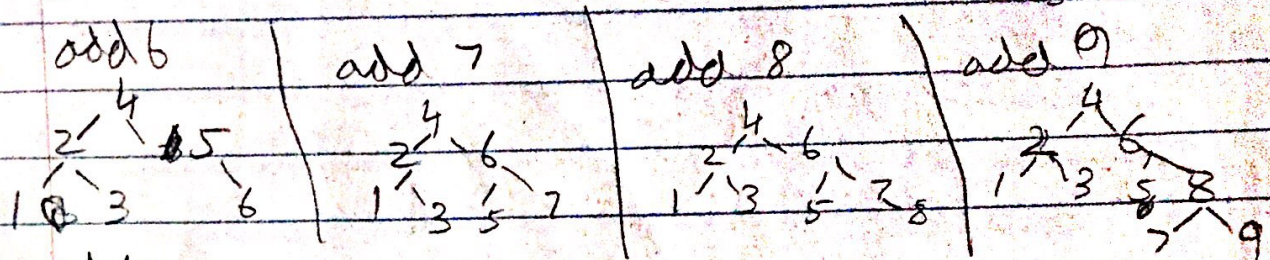
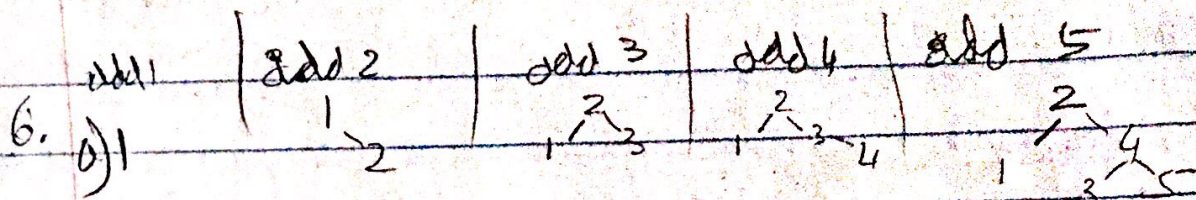


HW 11



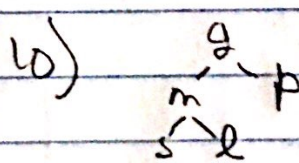
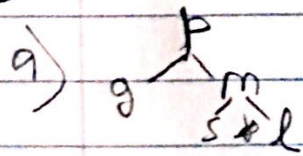
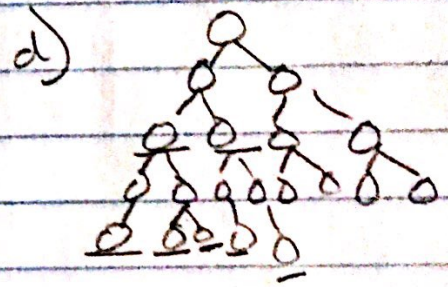
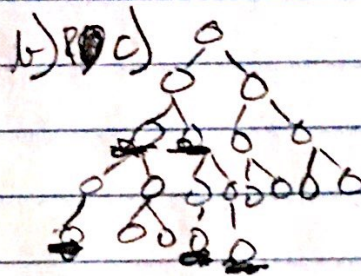
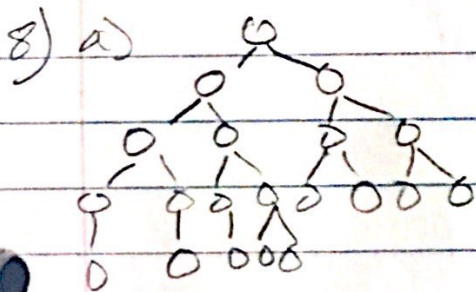
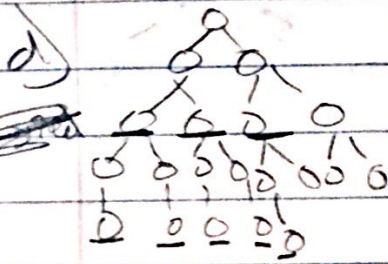
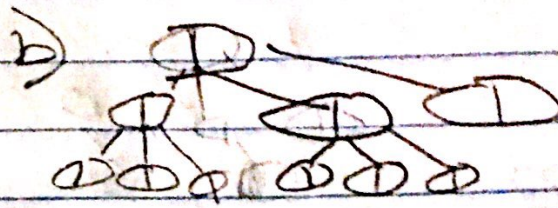
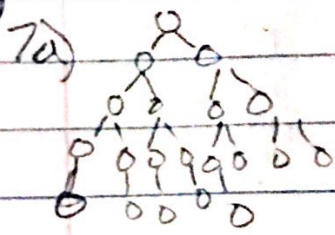




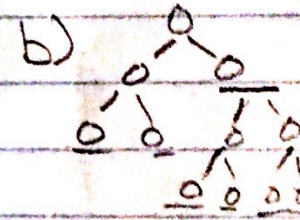
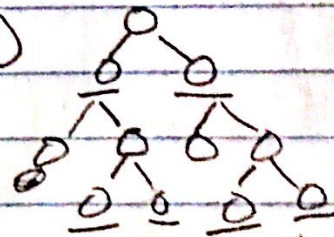


$\bigcirc \rightarrow \text{red}$

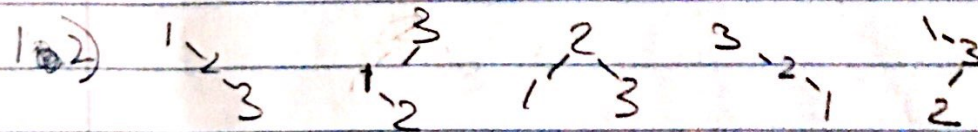
$\bigcirc \rightarrow \text{black}$



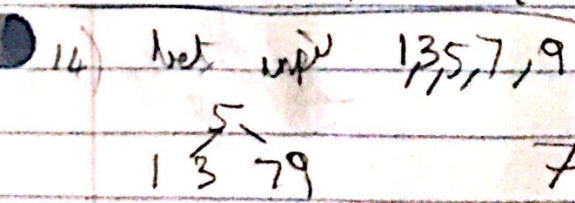
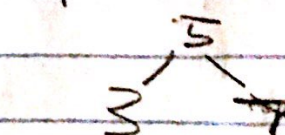
11 a)



not possible  
b/c unbalanced



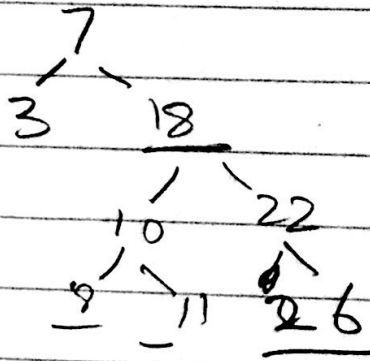
13) let say we have 4 #s 1, 3, 5, 7  
input ascending      input descending



now change to 3, 5, 7, 9 only  
5 3 7 9

#  $\rightarrow$  red

15.



16.

