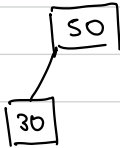


Question 3a) Max Heap

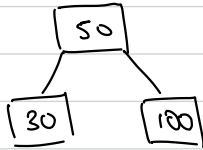
Add 50



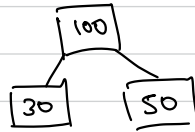
Add 30



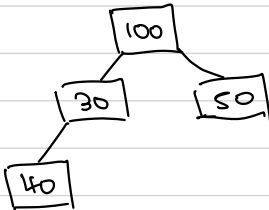
Add 100



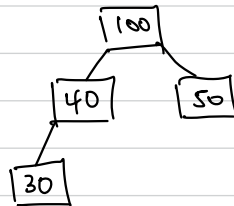
trickleup
→



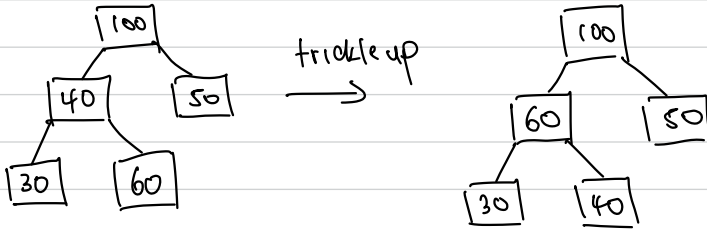
Add 40



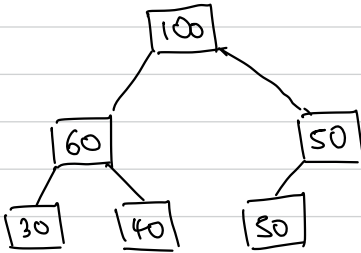
trickleup
→



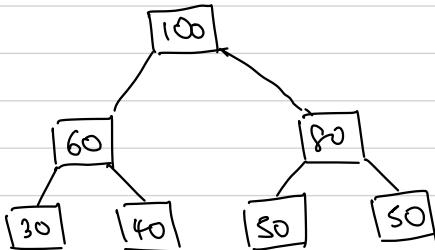
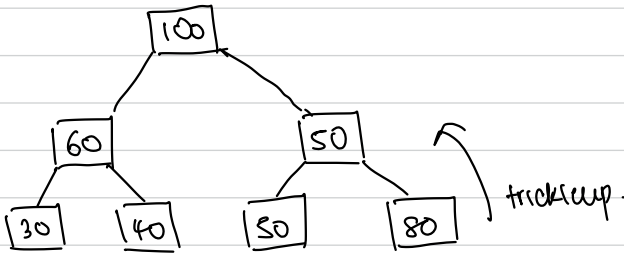
Add 60



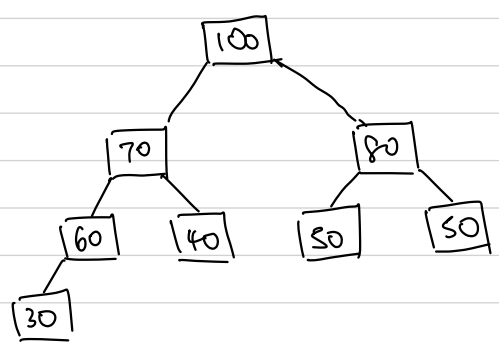
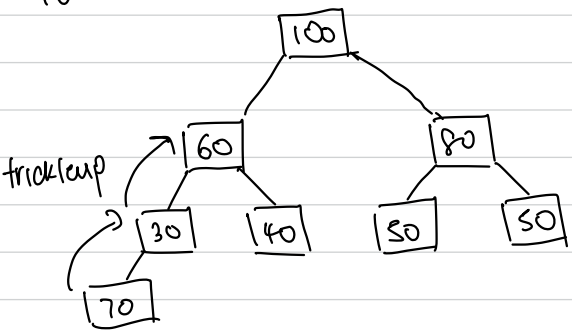
Add 50



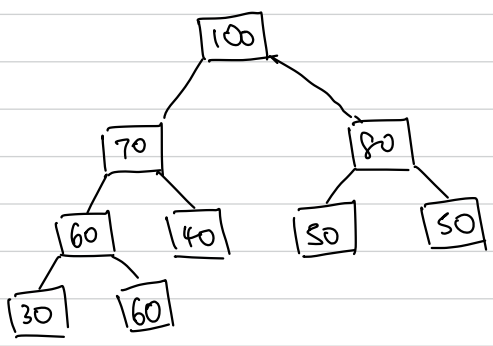
Add 80



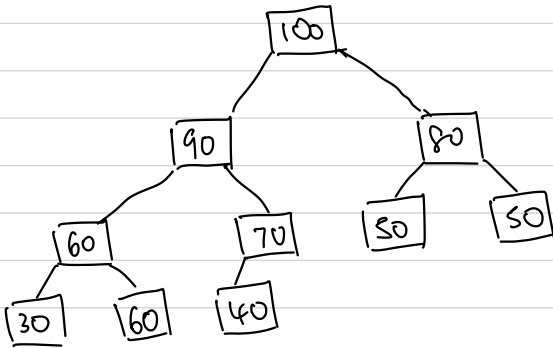
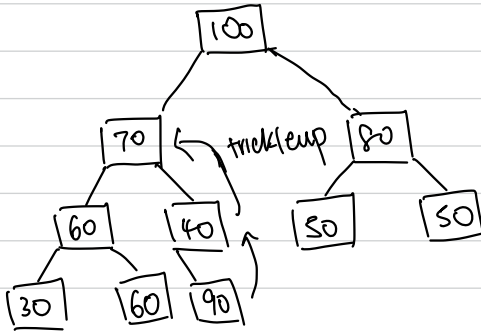
Add 70



Add 60



-Add 90



end.