22,15,26,44,10,3,9,13,29,25 2.8 select non chargeman 22-15-26-44-10-13-9-13-29-25 3 (5)-26-44-10-22-9)-13-29-25 3 9 (20-44-00)-22-15-13-29-25 3 9 10 (44) 26 27 15 (13) 29 25 3 9 10 13 26) 22 (5) 44 29 25 39 10 13 15 (22) 26 49 29 25 39 10 13 15 22 (26) 44 29 (25) 39 10 13 15 22 25 94296 10 13 15 22 25 26 29 44 39 3 9 10 13 15 22 25 26 29 (49) 10 13 15 22 25 26 29 44 39

Selection Sort

29 Inserten Sort

22-15-26-44-10-3-4-13-24-25 22-15-26-44-10-3-4-13-24-25 15-22-26-44-10-3-4-13-24-25 15-22-26-44-10-3-4-13-24-25 15-22-26-44-10-3-4-13-24-25 15-22-26-44-10-3-4-13-24-25 3-10-15-22-26-44-9-13-24-25 3-4-10-15-22-26-44-13-24-25 3-4-10-13-15-22-26-24-44-25 3-4-10-13-15-22-26-24-44

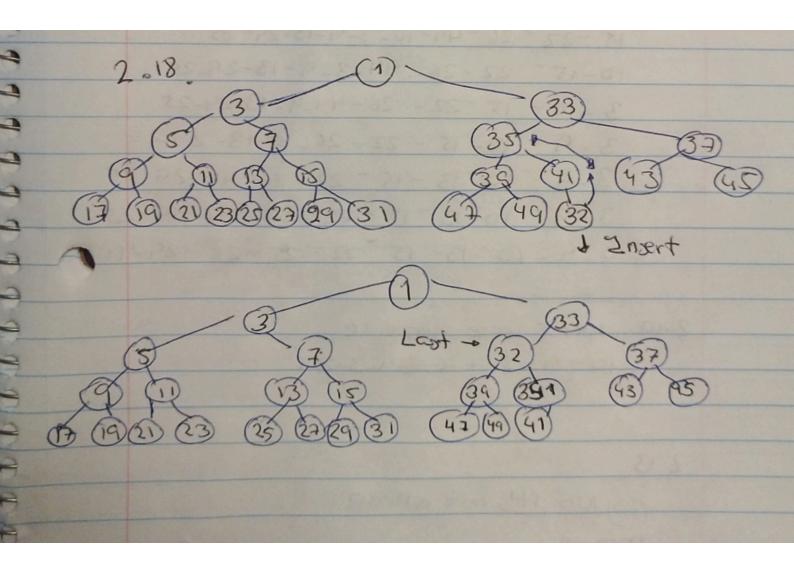
2-10 worst case sequence 10-9-8-7-6-5-4-3-21

2.3.

No Ptis not a heap

becouse

U(P) 2 parent (U(P))



(1.2.32 Algorithm report keys (T,x) 5 = new Sequence 1) report key Helper (T, x, T-root 11,5) return s Algorithm reportkey Helper (T,x,P,S) Pf T. Ps External (P) than return of poelement() > x then return 3. Insert Last (p. element) report Key Helper (T, X, T. left (held (P), 5) report Key Helper (T, X, T. Aght Child (P), S).