

Algorithms ~~Binary~~ work sheet 4

①

① → ②

① ← ② → ③

① ← ② → ③ → ④

① ← ② → ④
③ ← ④ → ⑤

① ← ② → ③
④ ← ② → ⑤ → ⑥

① ← ② → ③
④ ← ② → ⑥
⑤ ← ⑥ → ⑦

Final tree after all insertions

After ~~deleting~~ deleting ④ ⇒

① ← ② → ③
⑤ ← ⑥ → ⑦

Inorder :
1, 2, 3, 5, 6, 7

PreOrder
5, 2, 1, 3, 6, 7
Post Order
1, 3, 2, 7, 6, 5