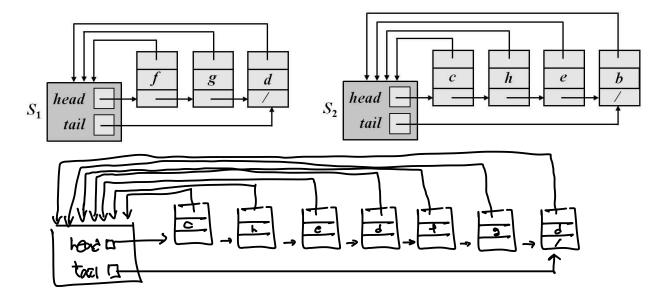
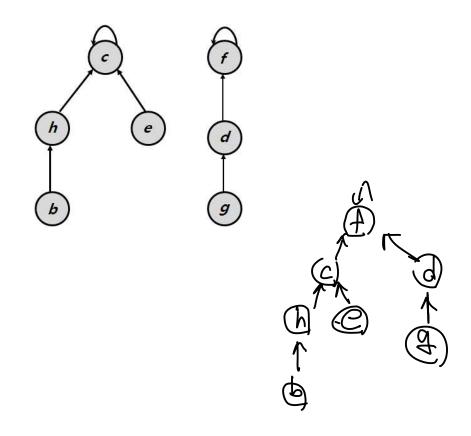
Review 13

2023065350 E52

1. Show the result of UNION(g, e) of the following Set S_1 and S_2 by the weighted-union heuristic.



2. Show the result of UNION(e, g) of the following two trees where the union-by-rank heuristic is used and the rank of c is smaller than the rank of the f.



3. Show the shape of the tree after path compression followed by FIND-SET(a).

