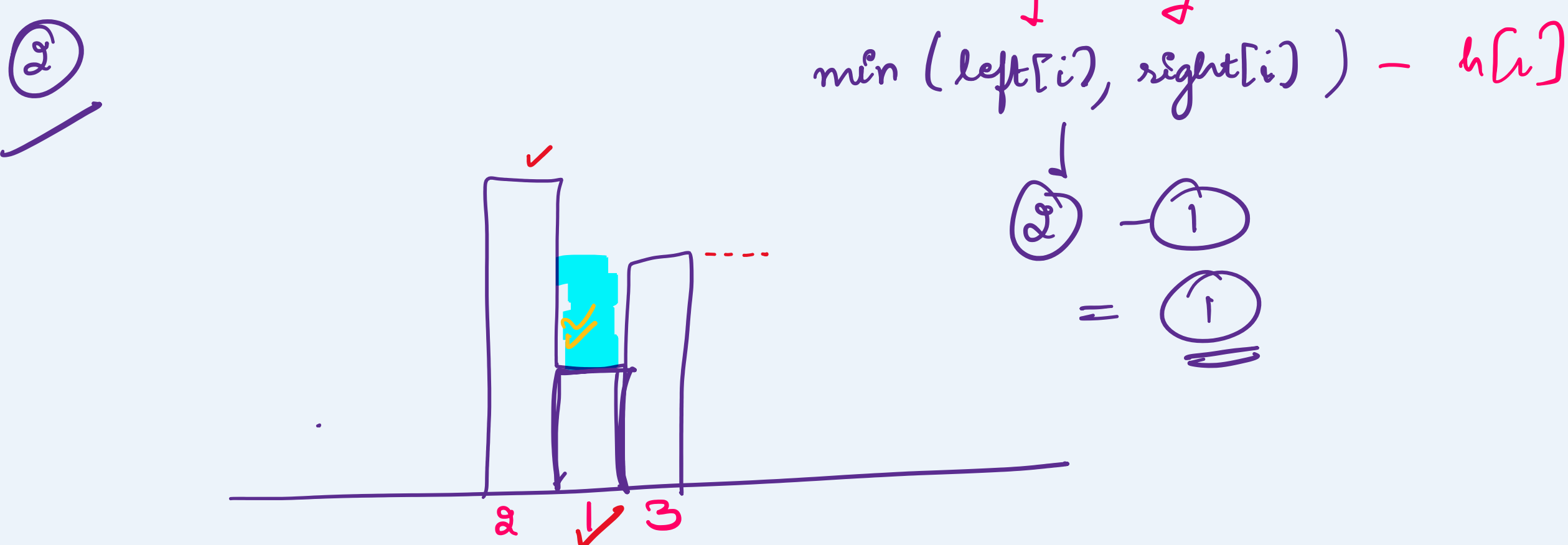
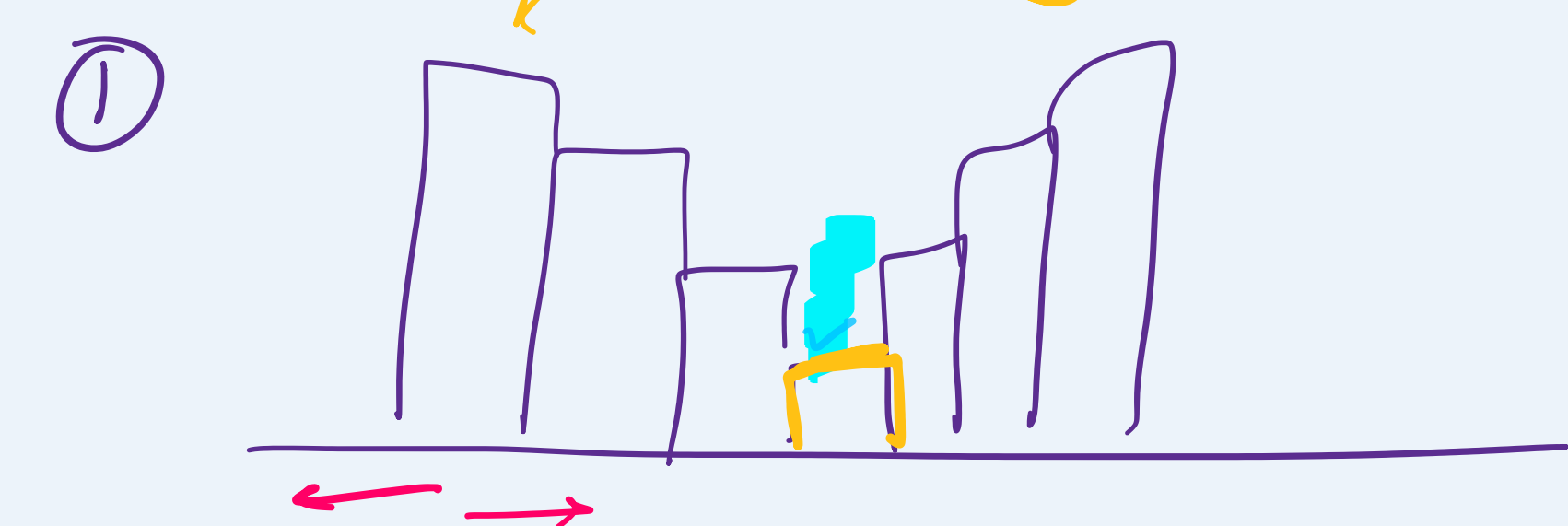
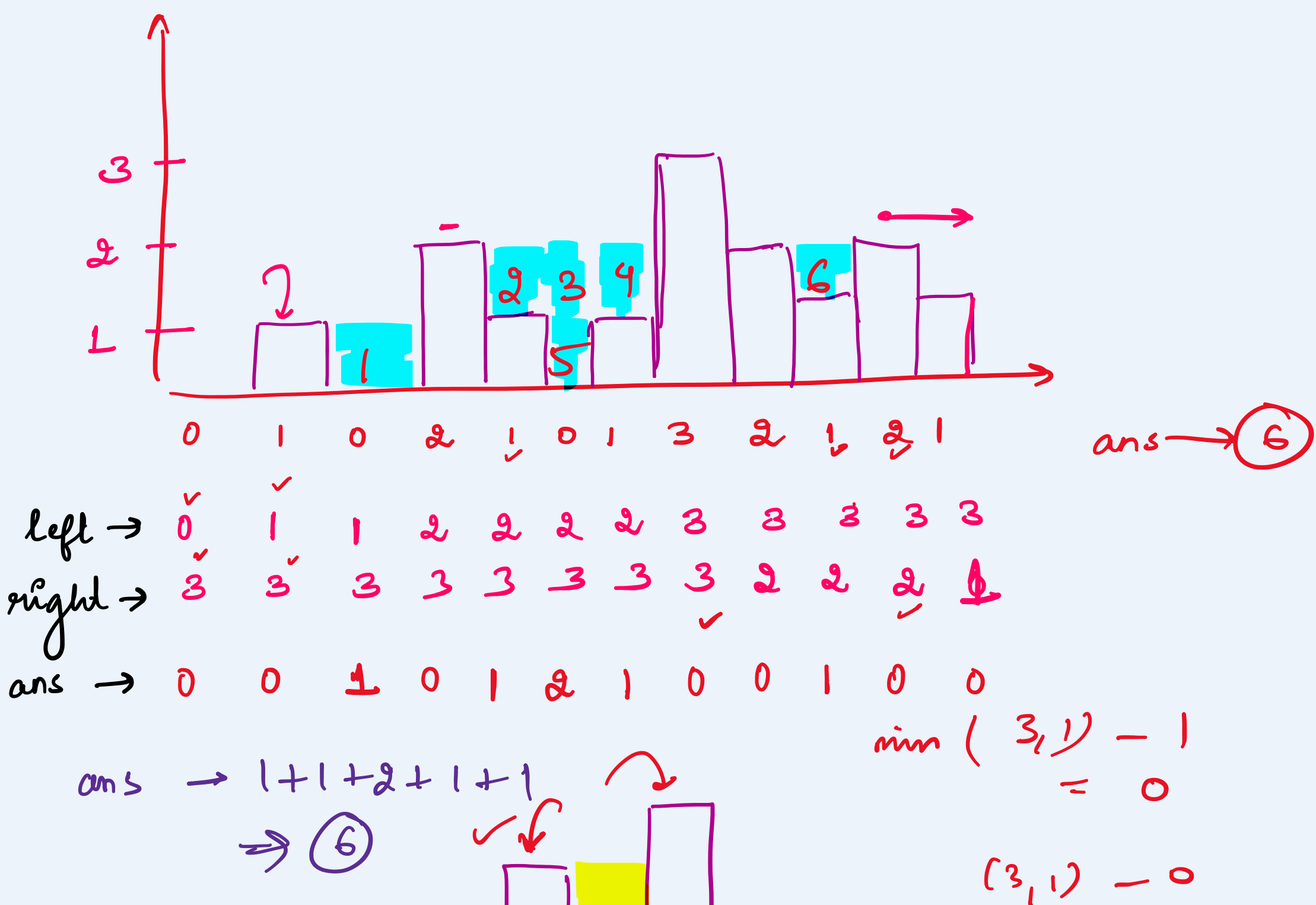


Q Trapping rain water

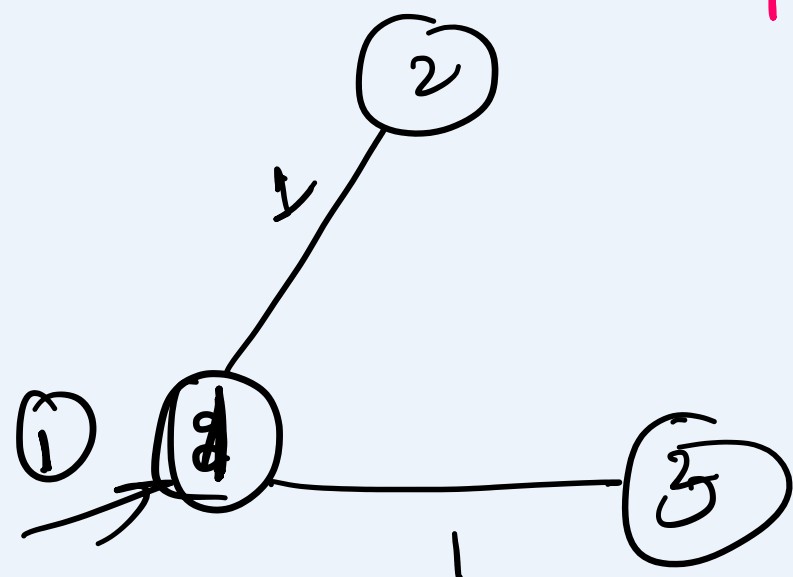


Q optimize water distribution in a village
n houses

n = 3

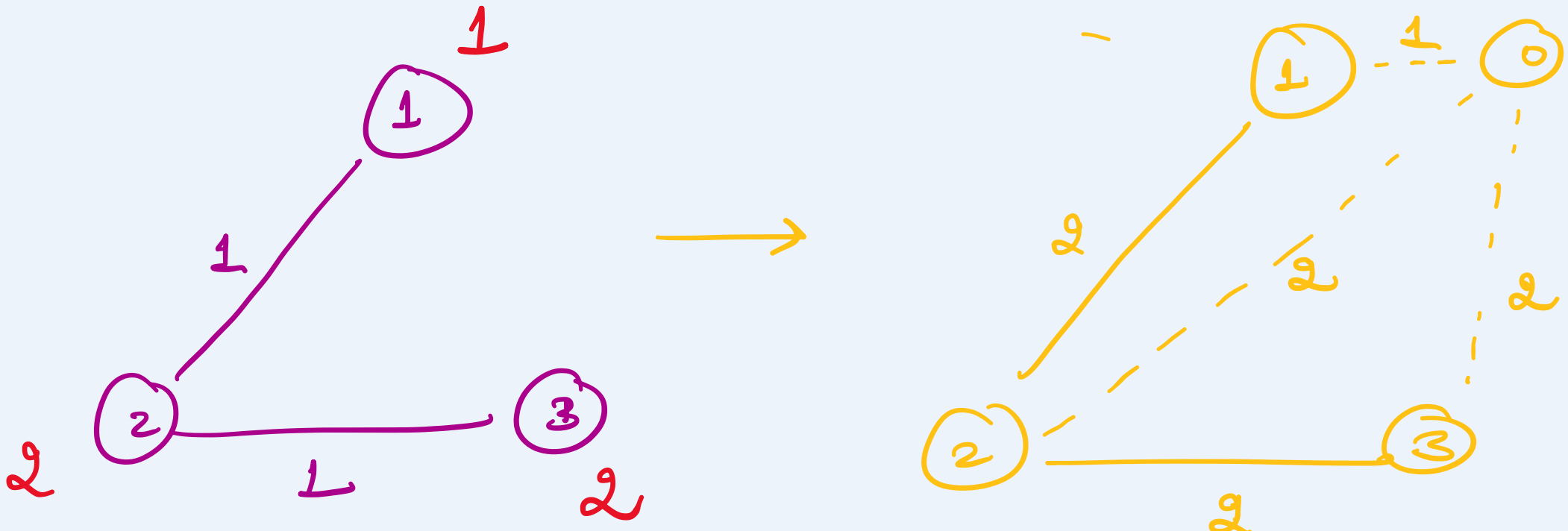
wells [1, 2, 2]

pipes : [[1, 2, 1], [2, 3, 1]]



1 + 1 + 1 → 3

Minimum spanning tree



Q Reverse nodes in k-group.

k = 2

