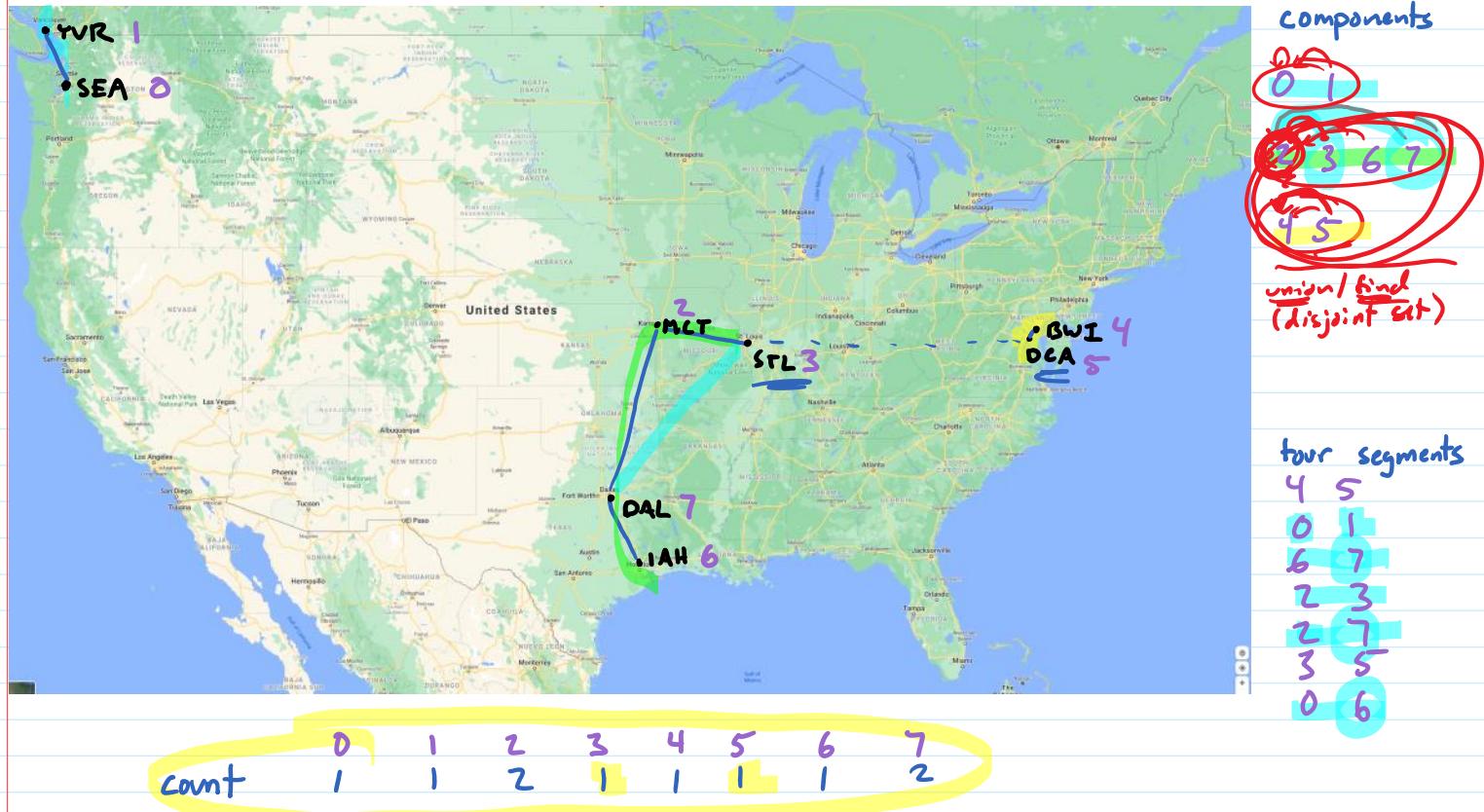
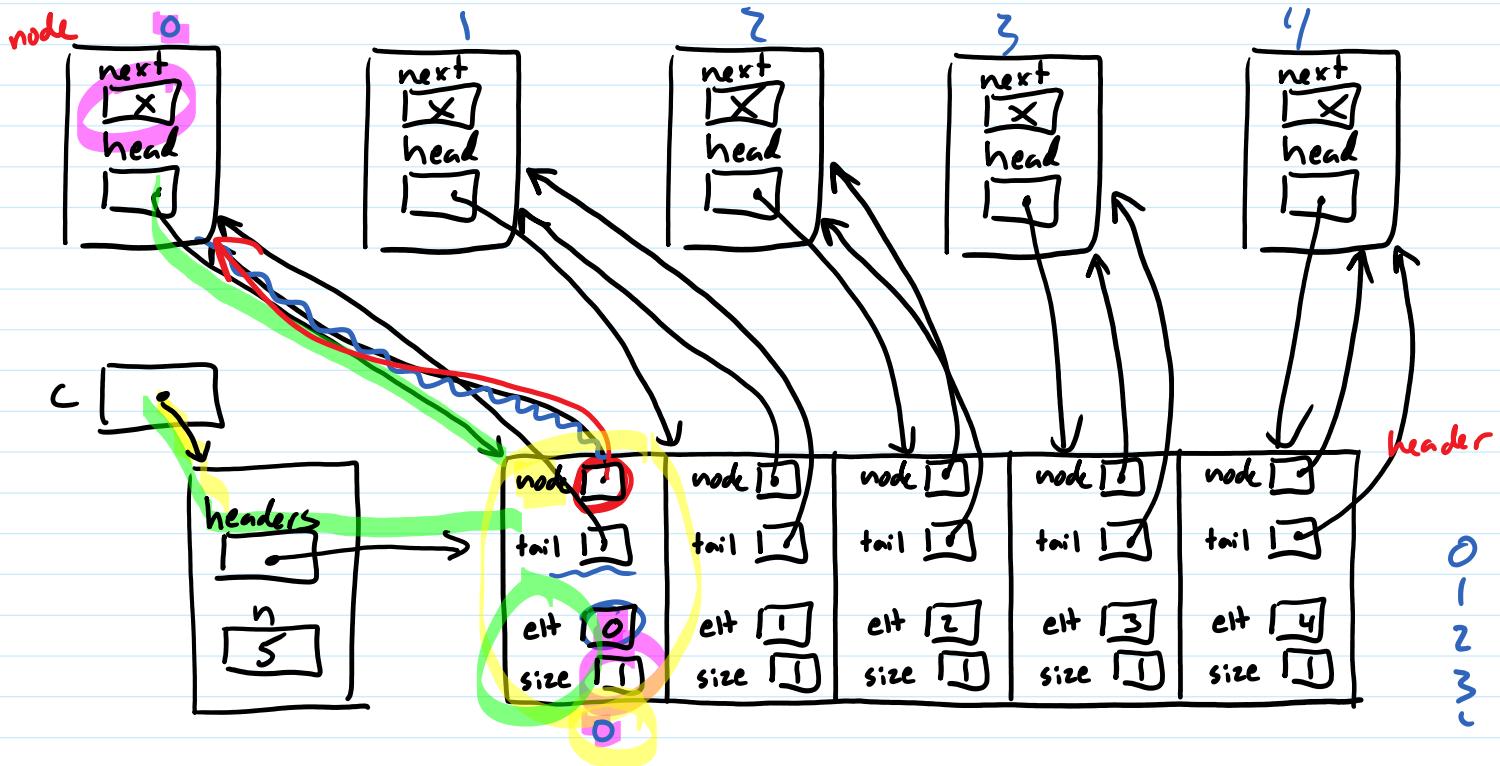


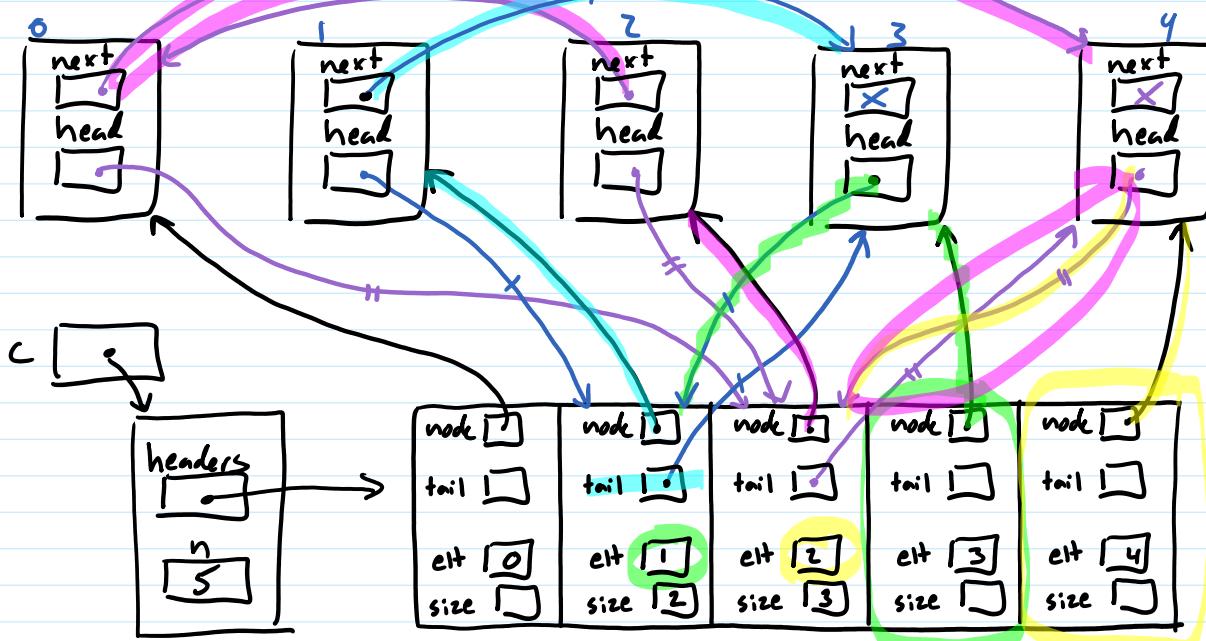
Greedy TSP



Union/Find Create



Union/Find Find

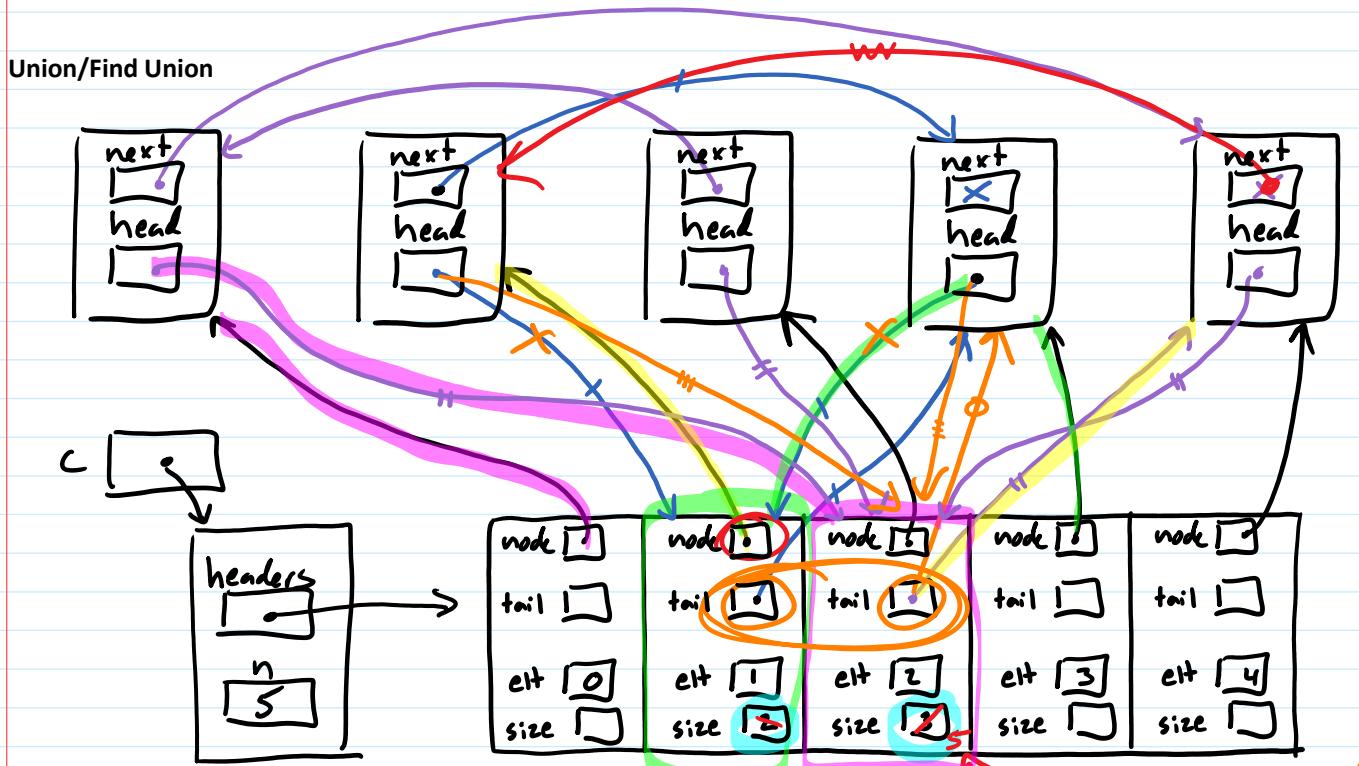


after union (1,3) union (2,0) union (4,0)

find(3)

find(4)





union (3, 0)

- 1) go to heads
- 2) swap so i's list \geq j's list
- 3) update i's size
- 4) i's old tail points to j's head \rightsquigarrow
- 5) i's new tail is j's tail \circlearrowright
- 6) all nodes on j's list have head point to i \rightsquigarrow

L 3
2 0 4 ↵

