Greedy TSP

Connected components:
- 0
- 1
- 2, 3, 5

Tour segments:
- 0, 1
- 2, 3
- 4
- 5
- 6
- 7

Count:
- 0: 1
- 1: 1
- 2: 1
- 3: 1
- 4: 1
- 5: 1
- 6: 1
- 7: 2
Union/Find Find

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

find(3)   find(4)
Union/Find Union

union (3, 0)

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