CLASS 3

Work until 11:35

Will cover #2 right afterward

Break 1: 10:30 AM - 10:45 AM

Lunch: 12:15 PM - 1:30 PM

Break 2: 3:00 PM - 3:15 PM

End: 4:45 PM

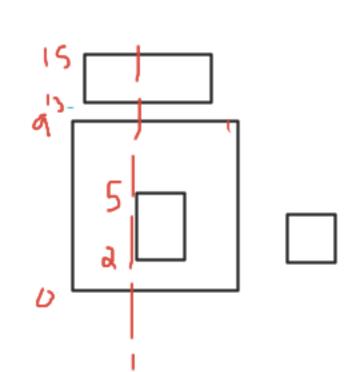


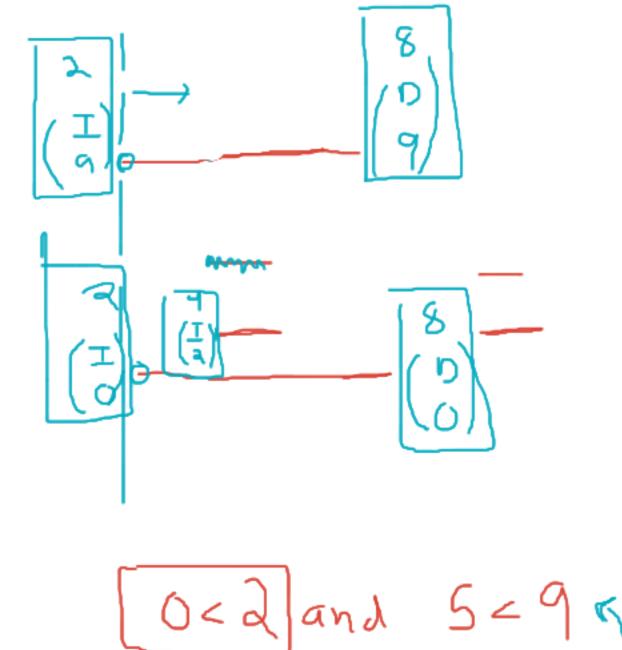
SAMPLE INPUT: | 5 -----

2089

10 2 11 3

4265





Set

ار ۱۵ , ۹) , (۱۶ ,۱)

Ц

3. Radio Contact

SAMPLE INPUT:

- 1. Bessie Moves ONLY 3 0
 - 2. FJ Moves ONLY
 - Both Move

NWWWWN

50

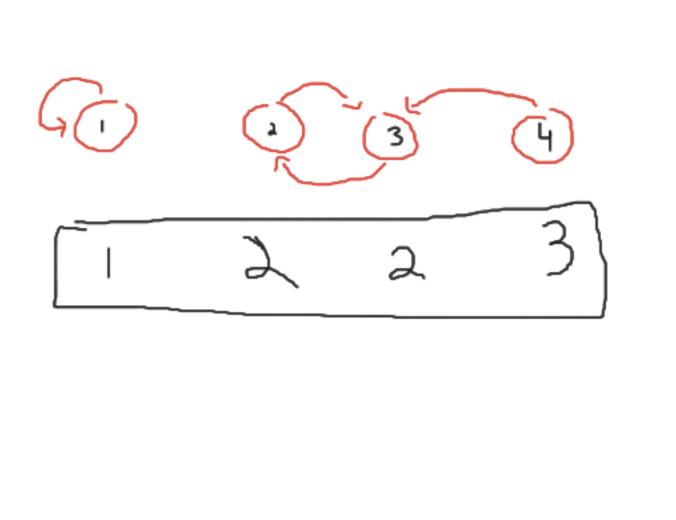
NN

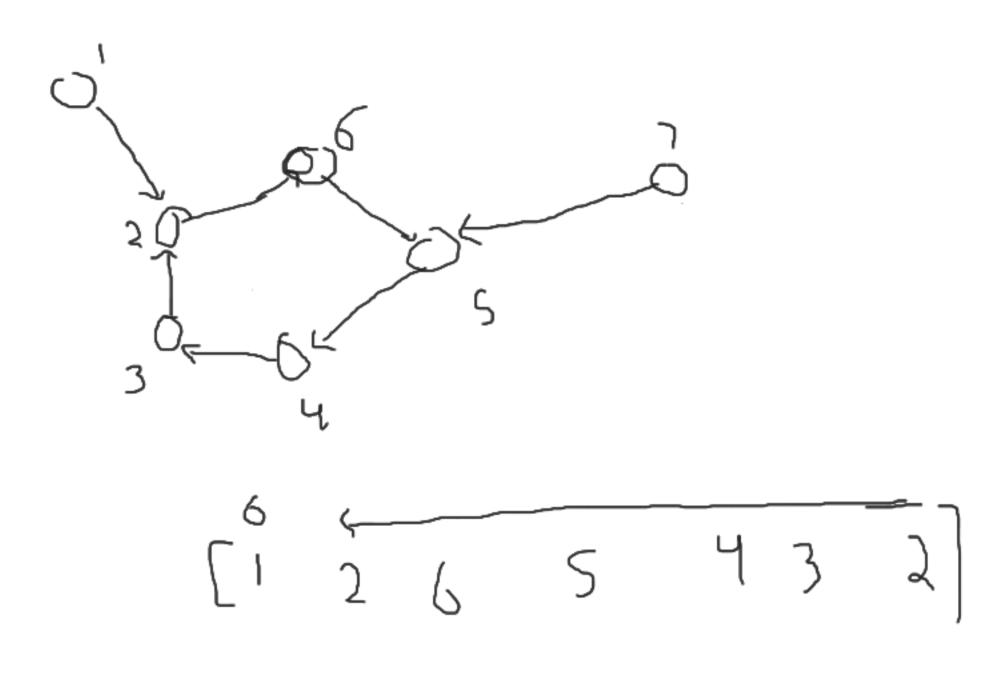
$$posFT : [(3,0),(3,1),(3,2)]$$
 $posB : [(5,0),(5,1),(4,1)...]$

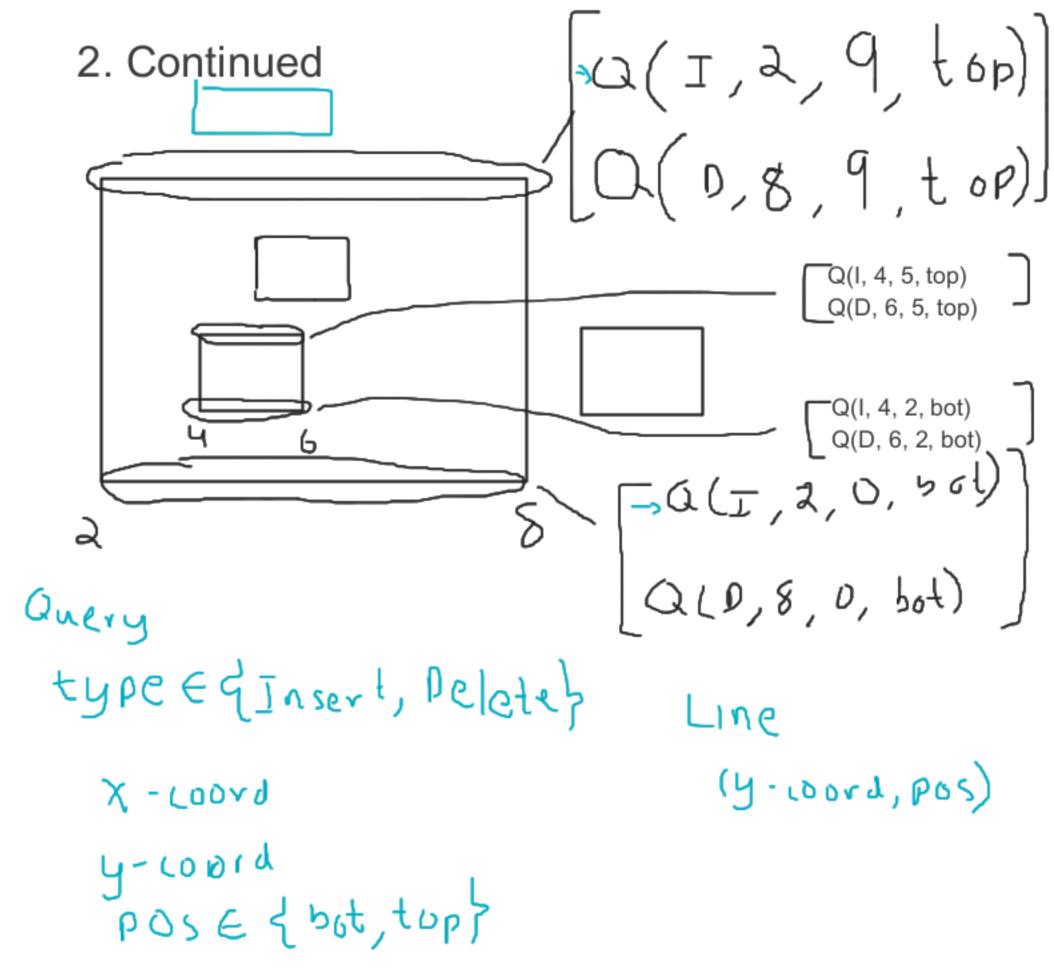
$$\sum_{N=1}^{N=10} \sum_{i=1}^{N=10} \sum_{j=1}^{N=10} \sum_{i=1}^{N=10} \sum_{j=1}^{N=10} \sum_{i=1}^{N=10} \sum_{j=1}^{N=10} \sum_{i=1}^{N=10} \sum_{j=10}^{N=10} \sum_{i=10}^{N=10} \sum_{j=10}^{N=10} \sum_{j$$

5. Trick or Treat on the Farm

SAMPLE INPUT:







	Х	5
•	D	٠
	a	{ L(0, bot), L(9, top) }
	4	{ L(0, bot), L(9, top) }
	В	{}

Q(I,4/13,6.) Q(I,4/13,6.)

is the line right below a bot line? if yes, then its completely enclosed

- 1. Create a line (2, bot)
- Use lower_bound/floor to query whats right below (2, bot)

Turns out this is enclosed -> Don't add to s

Do add to S, (9, top)

turns out, this isn't enclosed -> Do add to S, Add 1 to our answer