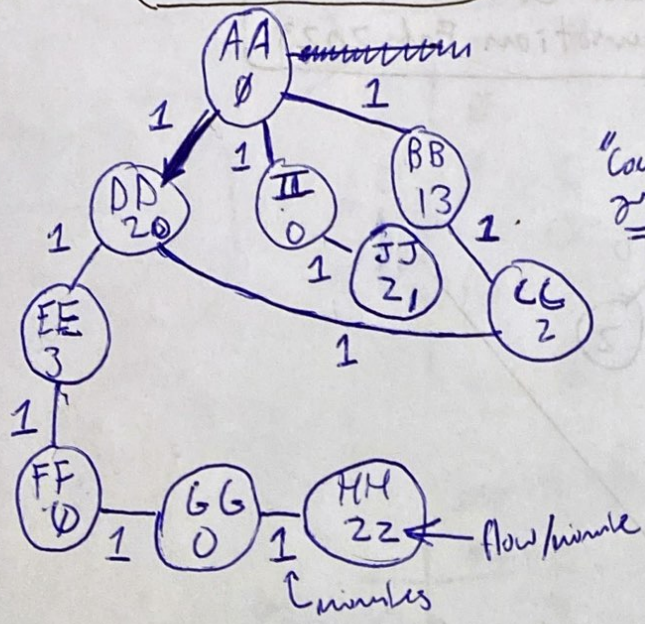


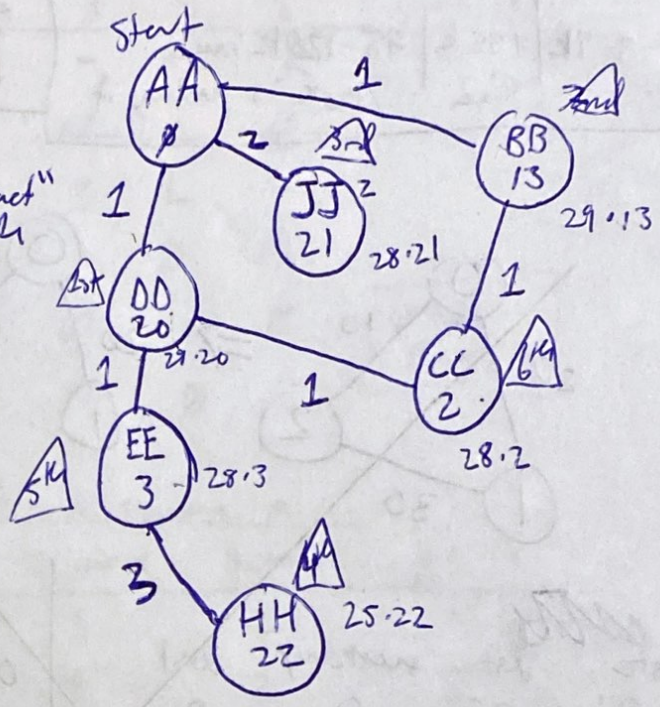
Day 16/25

(Advent of code)

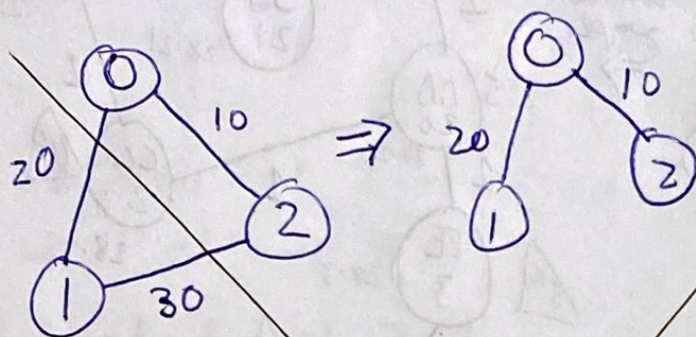


How to incorporate 30 minutes into graph?

"Contract" graph



Can we just be greedy?
 ↳ If so, just ~~do~~ this for part 1 try
 ↳ part 2 probably ~~works~~ makes greedy approach fail
 ↳ No!! Greedy doesn't work.
 What about top N candidates?

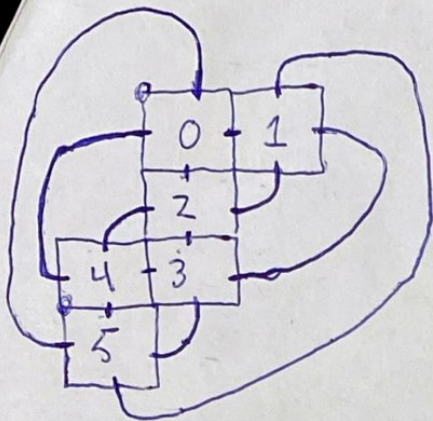


0.166

src	dst	next_hop	dst
0:	0:	0	0
	1:	1	20
	2:	2	10
1:	0:	0	20
	1:	1	0
	2:	2	30
2:	0:	0	10
	1:	1	30
	2:	2	0

0:	0:	0	0
	1:	1	20
	2:	2	10
1:	0:	0	20
	1:	1	0
	2:	0	30
2:	0:	0	10
	1:	0	30
	2:	2	0

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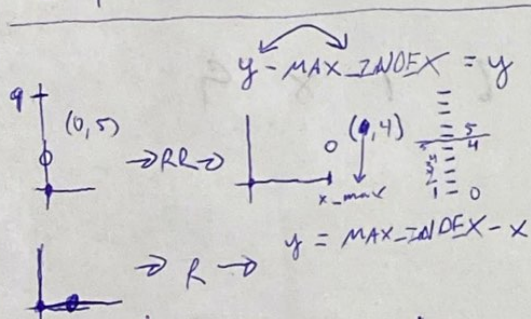
Going from	0	1	2	3	4	5	Going to
0	-	Ø	Ø	-	RR	R	Ø = no change - = not possible
1	Ø	-	R	RR	-	Ø	
2	Ø	L	-	Ø	L	-	
3	-	RR	Ø	-	Ø	R	
4	RR	-	R	Ø	-	Ø	Direction change
5	L	Ø	-	L	Ø	-	

Transforms

L
R
RR
I

Leaving side from a square on...

	x_min	x_max	y_min	y_max
0	4	1	2	5
1	0	3	2	5
2	4	1	3	0
3	4	1	5	2
4	0	3	5	2
5	0	3	1	4



Position Change

Δ = Identity

Going from	0	1	2	3	4	5
0	-	Δ	Δ	-		
1	Δ	-			-	Δ
2	Δ		-	Δ		-
3	-		Δ	-	Δ	
4		-		Δ	-	Δ
5		Δ	-		Δ	-

[7, -1, 4]

~~ANNN~~

7 -1 4 7 -1 4 7 -1 4

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[-1, 7, 4]

① -1 7 4

② -1 4 7

③ ~~Interlink~~ -1 7 4

④ 4 7 -1 -1 4 7

2 3 4 | -1 2 3 4
2 3 -1 4

⑤ 4 -1 7 -1 7 4

⑥ -1 4 7

⑦ -1 7 4

[4 | -2 5 6 7 8 9]

0 1 2 3 4 5 6

[1 2 3 -10 5 6]

4 5 6 7 8 9

① 1 2 -10 3

② 1 -10 2 3

③ -10 1 2 3 5 6

④

⑤

Circular
linked list
so confusing ~

end