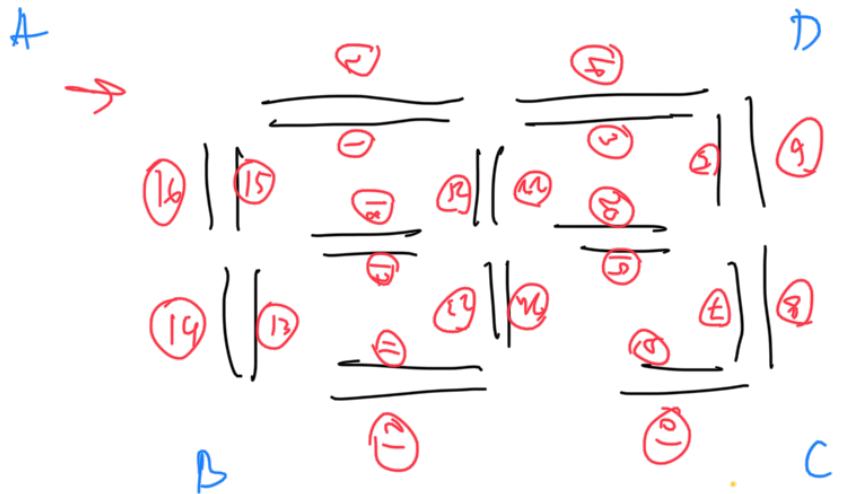


My code

Segment:

→ creation



Routes → Parent [6]

① 8 (1 3 5 7 9 11 13 15 7) ←

A B C D
A D C B

② 8 (16 14 12 10 8 6 4 2)

③ 16 14 12 24 22 3 5 7 9 11 13 15 ←

A B D C

④ 16 14 12 24 22 3 5 7 9 24 22 2

A D B C

⑤ 1 3 5 20 23 11 13 17 19 7 9 21 13 15 ←

⑥ 1 3 5 20 23 1

route[0] : new(8)

size(array) / size array is

2

route[0] : {1, 3, 5}

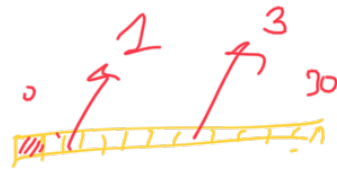
= 8

[6][0] = 1

[7][0] = 2

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99

if 101
 001
 pos [1, 3]
 segment [0][0] = 1
 0 [0][1] = 1
 which seg?
 pos seg
 pos = pos || 0 with



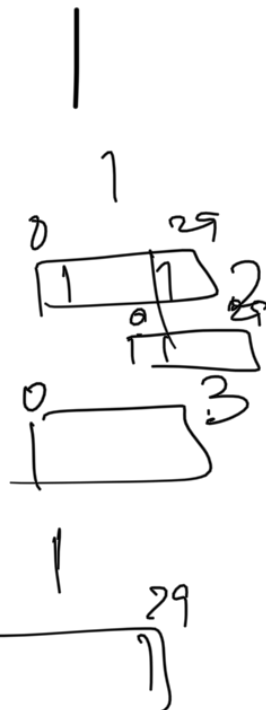
[size, id, init, init_idx, start_seg_route] ...
 ... last seg_route
 route(0) to [1]

$$\{1\}[0] = 2^0 (00)$$

8 0...29
 16

[4+8]

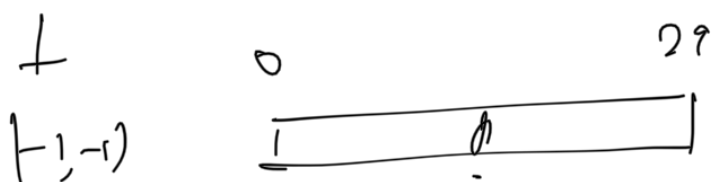
0 1 2 3 4 5
 (0) [12, 0, (-1), -1, -1, 1, 3, 5 ...]
 12 - 5 = 7
 5 + 6 = 11
 1/16
 29
 6, 7 ... 12
 3 0 6



[16, 0, -1, -1, -1, 16, 14]

[16] [0] = 0.

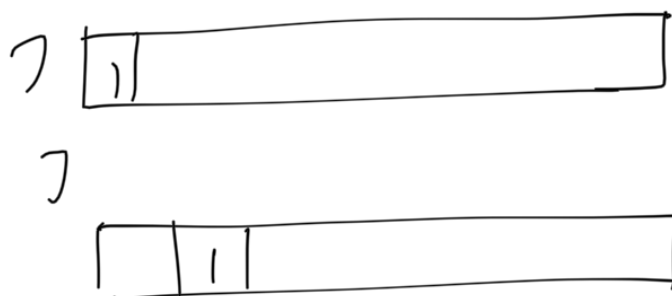
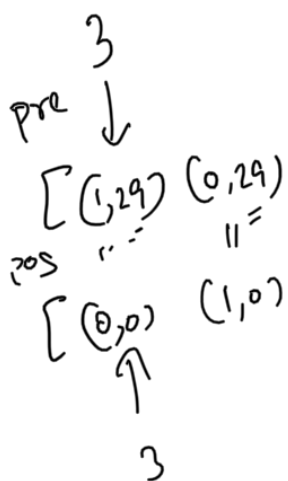
1/16



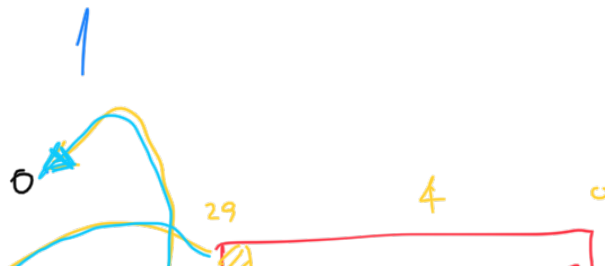
Signals

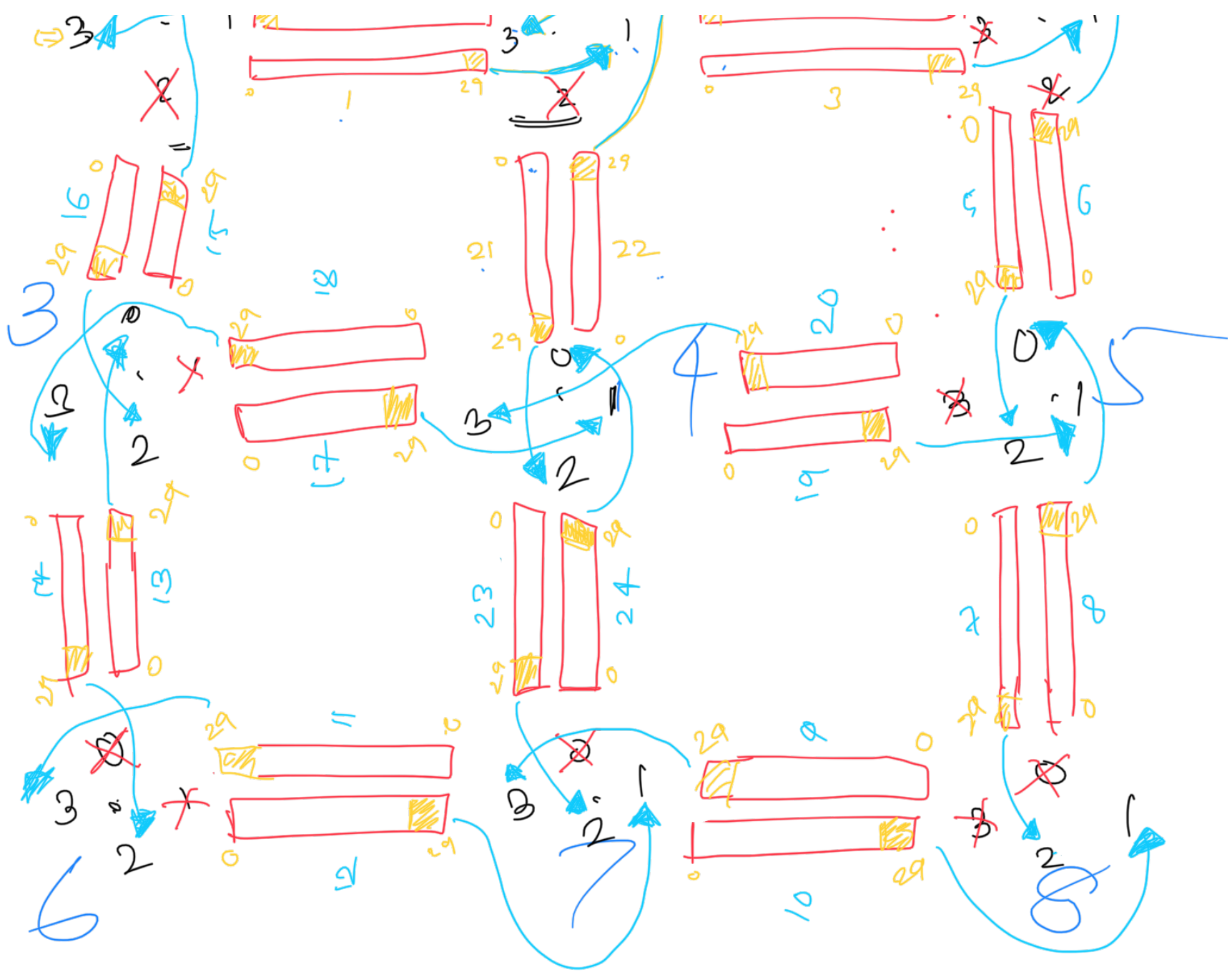
0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

29



il [No. 5] [N. signals]





red

$$\begin{bmatrix} 0 \\ 1 \\ 2 \\ 3 \end{bmatrix} \quad \begin{bmatrix} x \end{bmatrix}$$

$$\text{signal} \left[\begin{matrix} \downarrow \\ \text{red} \end{matrix} \right] = \left[\begin{matrix} \text{value of } j\text{-idx} & , & \text{value of } \text{sig-idx} \end{matrix} \right]$$

$$\text{if } [\text{signal} \left[\begin{matrix} \downarrow \\ \text{red} \end{matrix} \right] [0]] [\text{signal} \left[\begin{matrix} \downarrow \\ \text{red} \end{matrix} \right] [1]] \\ \text{can } [id] \text{ } [cur[id][4]] == 2$$

29

B

B

D



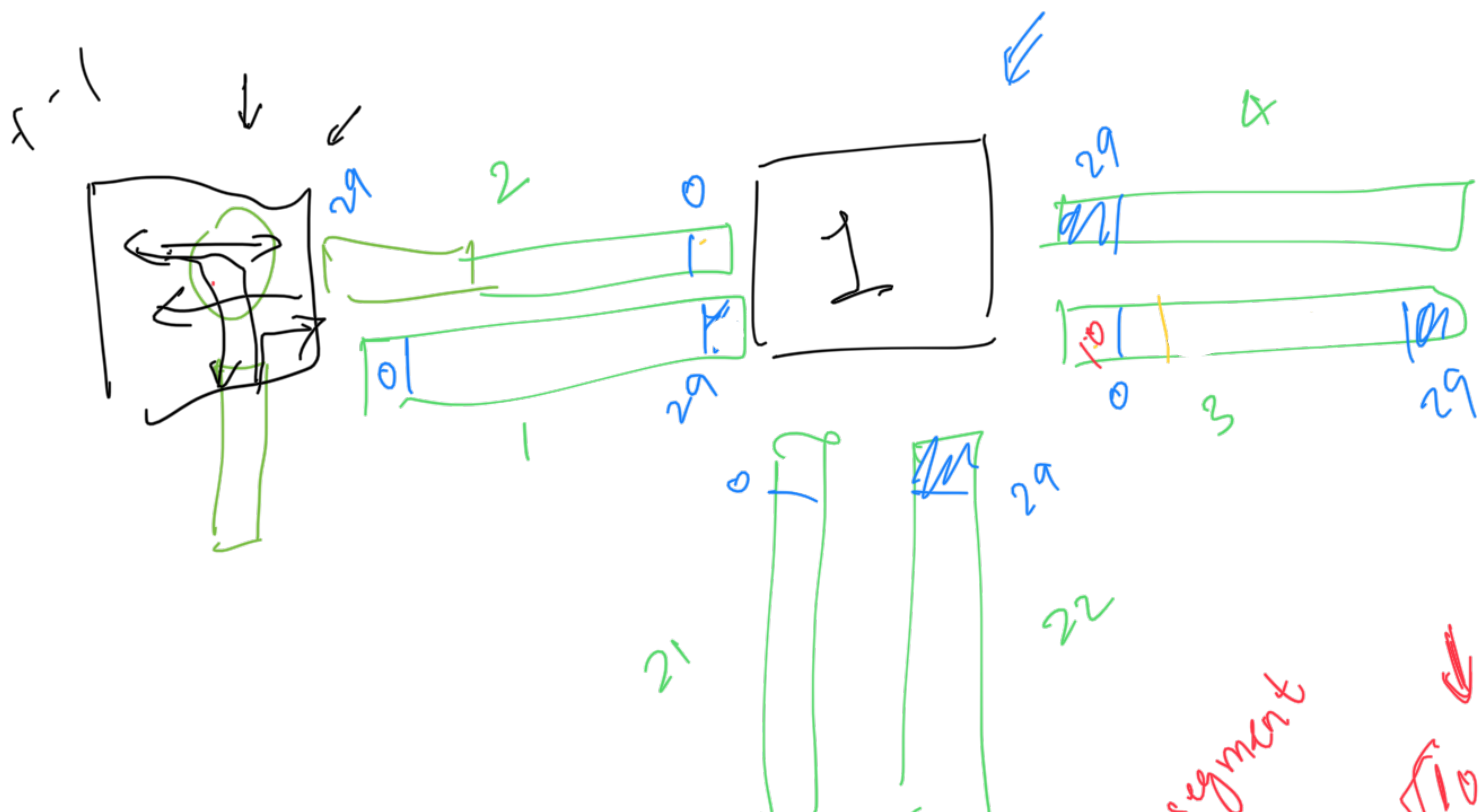
0



D

D

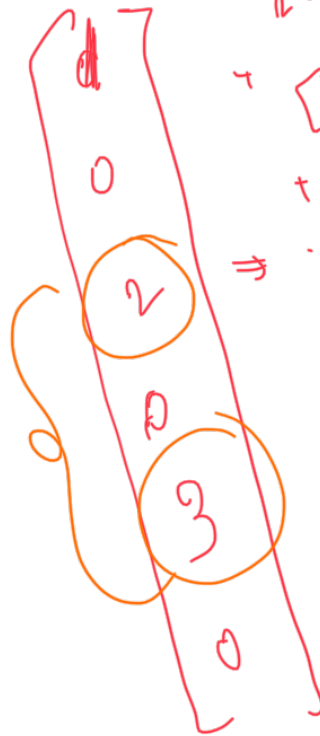
Car Crash



segment

↓
110.771

more than 1

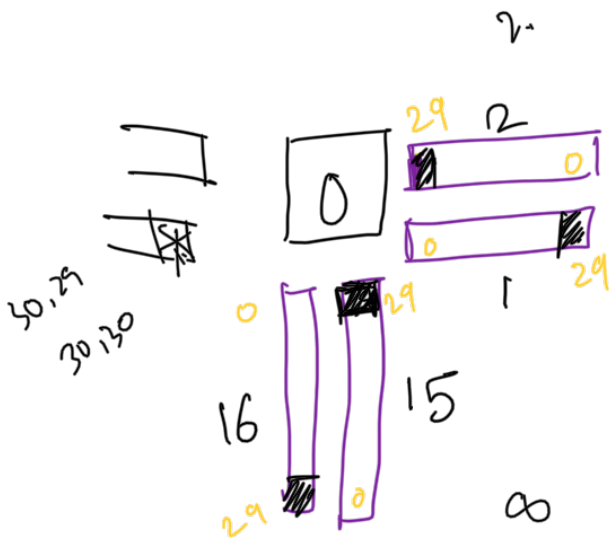


Segment

$[0][29] \rightarrow [2][6]$
 $[6][29] \rightarrow [20][0]$
 $[22][29] \rightarrow [17][0]$
 $[27][29] \rightarrow [2][0]$
 $[37][29] \rightarrow [17][0]$
 $[43][29] \rightarrow [20][0]$



Fig

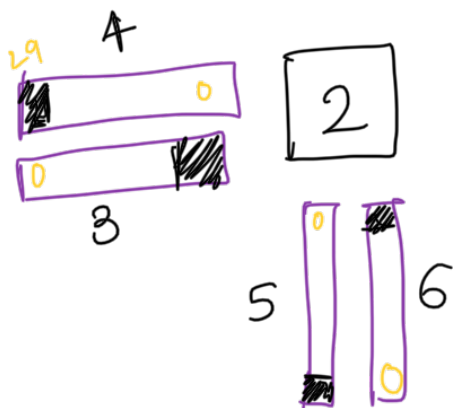


$$[1, 29] \rightarrow [15, 0]$$

$$[14, 29] \rightarrow [0, 0]$$

$$[1, 29] \rightarrow \{$$

$$[14, 29] \rightarrow$$

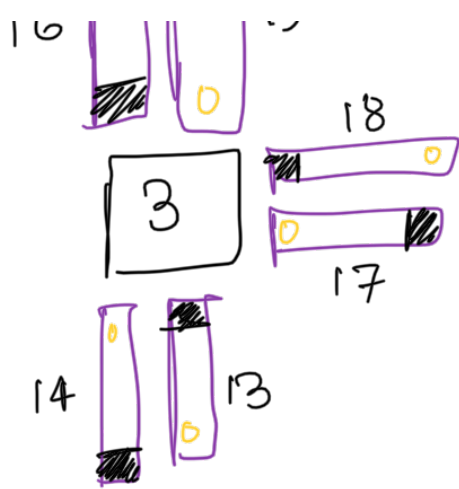


$$[2, 29] \rightarrow [4, 0]$$

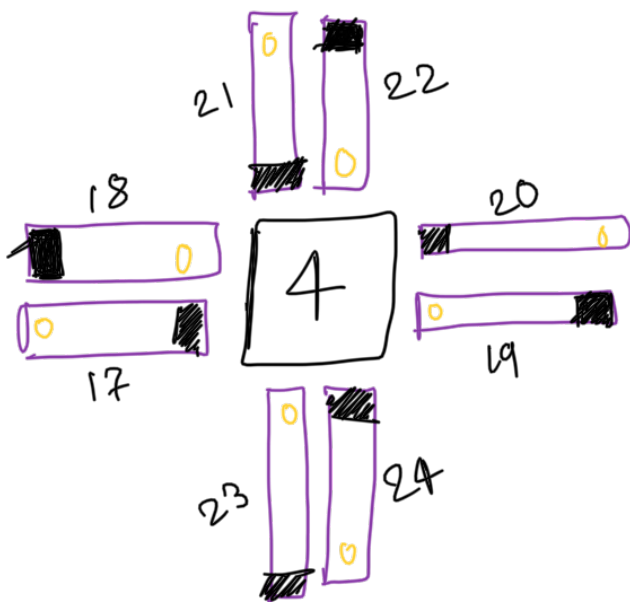
$$[5, 29] \rightarrow [3, 0]$$



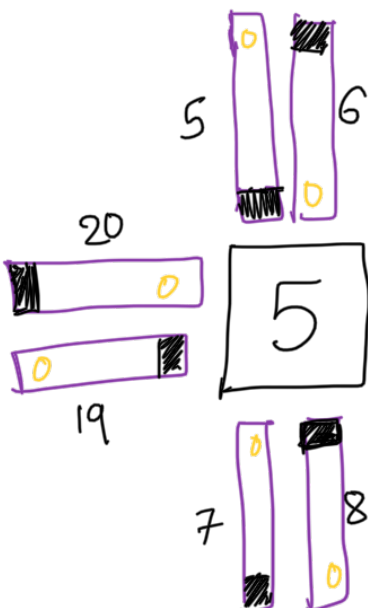
$$[15, 29] \rightarrow [16, 0]$$



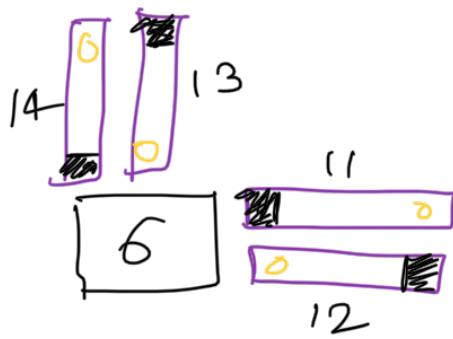
$$\begin{aligned} [15, 29] &\rightarrow [13, 0] \\ [17, 29] &\rightarrow [14, 0] \\ [17, 29] &\rightarrow [13, 0] \\ [12, 29] &\rightarrow [16, 0] \\ [12, 29] &\rightarrow [14, 0] \end{aligned}$$



$$\begin{aligned} [20, 29] &\rightarrow [17, 0] \\ [20, 29] &\rightarrow [18, 0] \\ [20, 29] &\rightarrow [22, 0] \\ [19, 29] &\rightarrow [21, 0] \\ [19, 29] &\rightarrow [17, 0] \\ [19, 29] &\rightarrow [22, 0] \\ [23, 29] &\rightarrow [18, 0] \\ [23, 29] &\rightarrow [17, 0] \\ [23, 29] &\rightarrow [21, 0] \\ [16, 29] &\rightarrow [22, 0] \\ [16, 29] &\rightarrow [18, 0] \\ [16, 29] &\rightarrow [21, 0] \end{aligned}$$

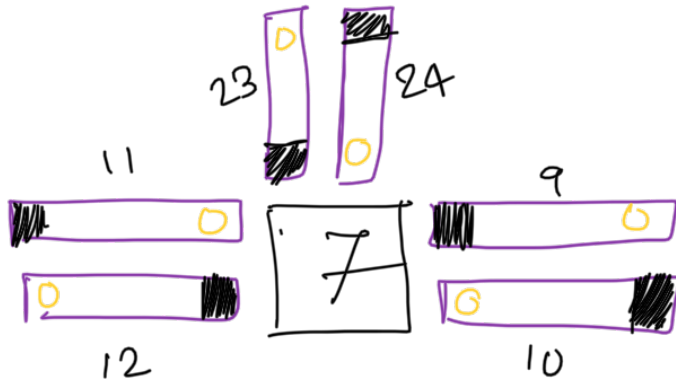


$$\begin{aligned} [4, 29] &\rightarrow [19, 0] \\ [4, 29] &\rightarrow [6, 0] \\ [18, 29] &\rightarrow [6, 0] \\ [18, 29] &\rightarrow [5, 0] \\ [7, 29] &\rightarrow [19, 0] \\ [7, 29] &\rightarrow [5, 0] \end{aligned}$$



$$[13, 29] \rightarrow [11, 0]$$

$$[10, 29] \rightarrow [12, 0]$$



$$[22, 29] \rightarrow [10, 0]$$

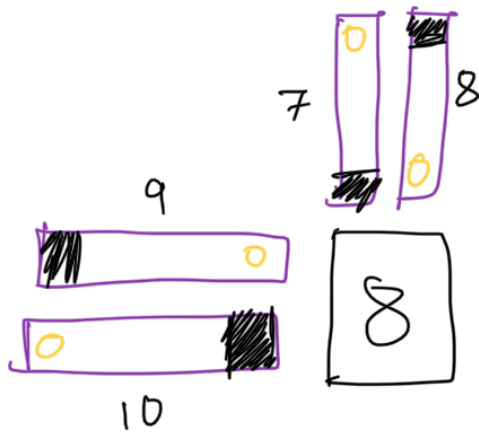
$$[22, 29] \rightarrow [9, 0]$$

$$[11, 29] \rightarrow [9, 0]$$

$$[11, 29] \rightarrow [23, 0]$$

$$[8, 29] \rightarrow [23, 0]$$

$$[8, 29] \rightarrow [10, 0]$$



$$[6, 29] \rightarrow [8, 0]$$

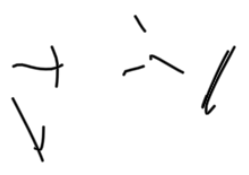
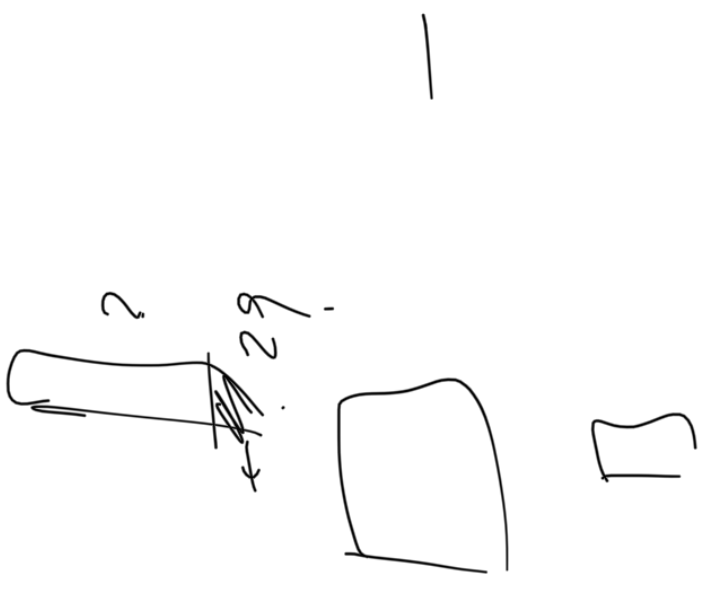
$$[9, 29] \rightarrow [7, 0]$$

65

0



69



1291 - id

See 1178 133

