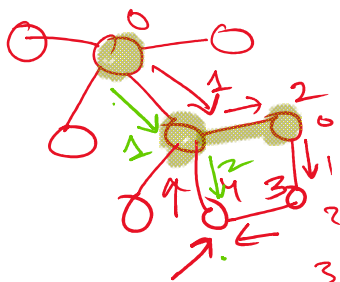
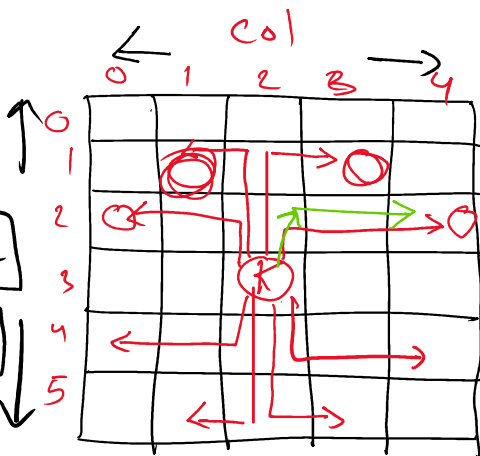


Problem - 4

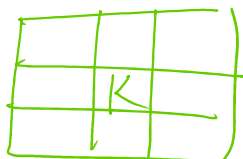
(3, 2)
(3-2, 2-1)

row
2/1
1/2
(1, 1)



DFS

	0	1	2	3	4
0	3	2	3	2	3
1	4	1	2	1	4
2	1	2	3	2	1
3	2	3	1	3	2
4	1	2	3	2	1
5	4	1	2	1	4



∞	∞	∞
∞	0	∞
∞	∞	∞

8 row

8 col

64

$n \times m$

1 ↑ 1 ↓
2 → 2 →

BFS, DFS

Queue

X [3, 2] → 0

X [2, 0]

✓ [1, 1]

✓ [1, 3]

✓ []

✓ []

[2, 1]

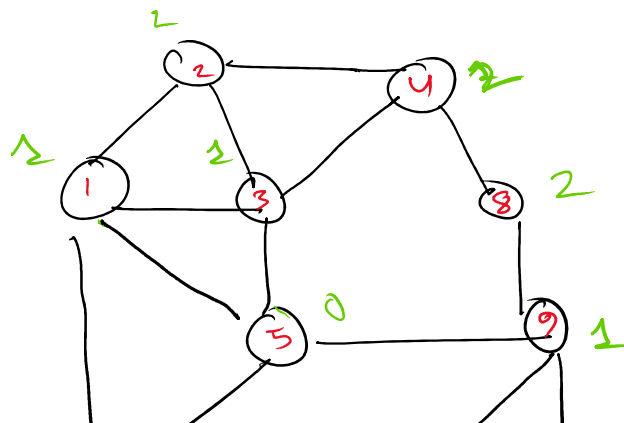
[1, 2]

[4, 1]

1

2

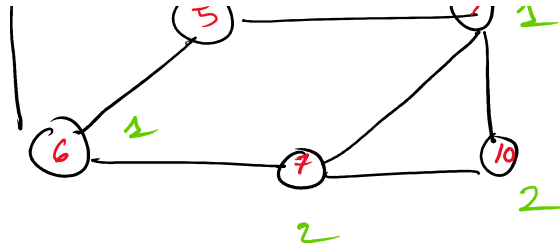
Problem 5 :



$\text{min Move}[u] = \text{min move}$

$\text{previous Node}[u] = p$

$\text{previous Node}[9] = 5$



previous node

previous Node [10] = 9



✓ 5 → 9 → 10
 5 → 3 → 2
 5 → 1 → 2

