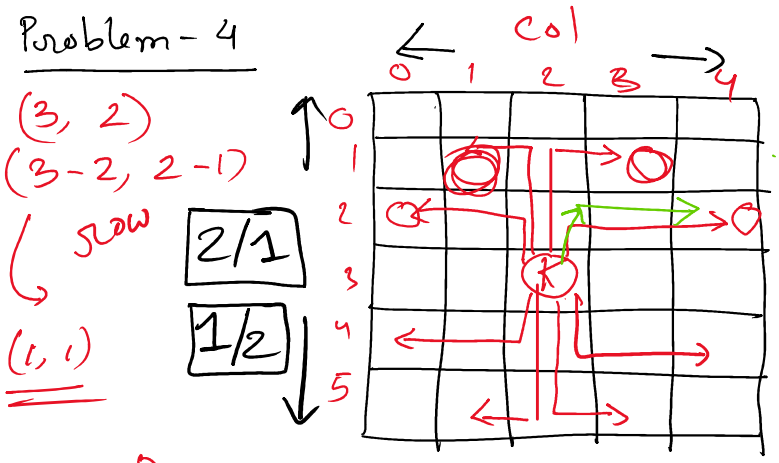
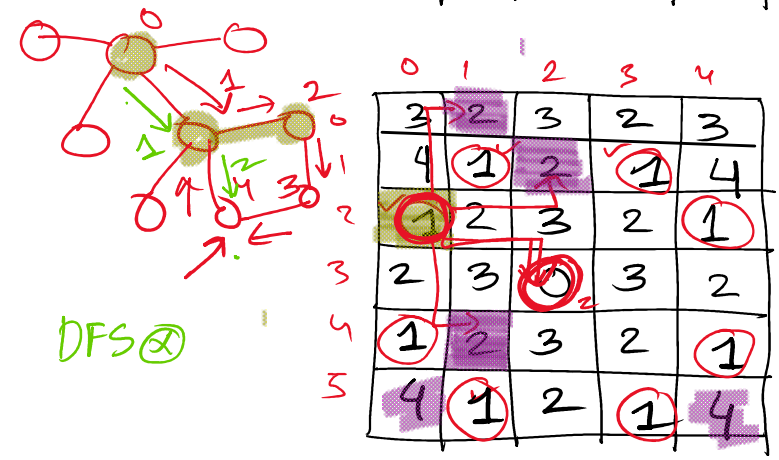
Problem - 4



8 row (64)
8 col

n x m

1 ↑ 1 ↓
2 → 2 →



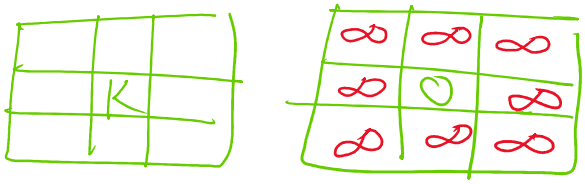
DFS ✗

BFS, DFS

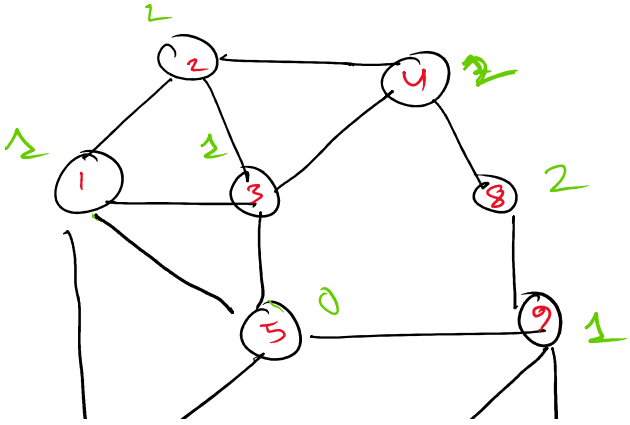
Queue

✗ [3, 2] → 0
✗ [2, 0]
✓ [1, 1]
✓ [1, 3]
✓ [,]
✓ [,]
[,] → 1

[2, 1]
[1, 2]
[4, 1] → 2



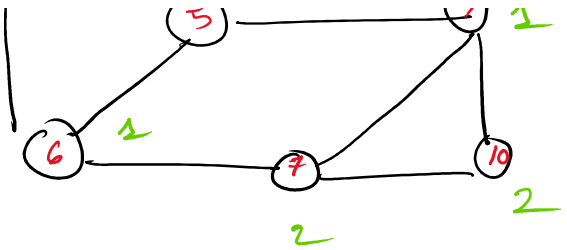
Problem 5 :



minMove [u] = min move

previousNode [u] = p

previous Node [9] = 5



previous Node[ ]

previous Node [10] = 9

5 → 9 → 16

5 → 3 → 2

5 → 1 → 2

10 → 9 → 5