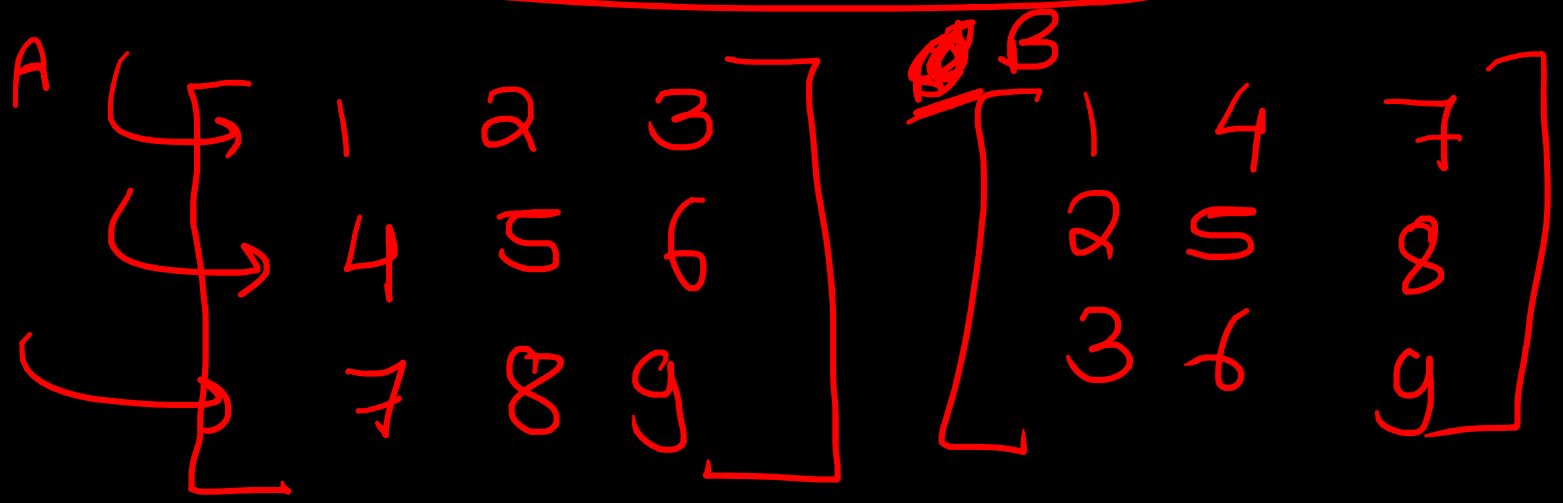
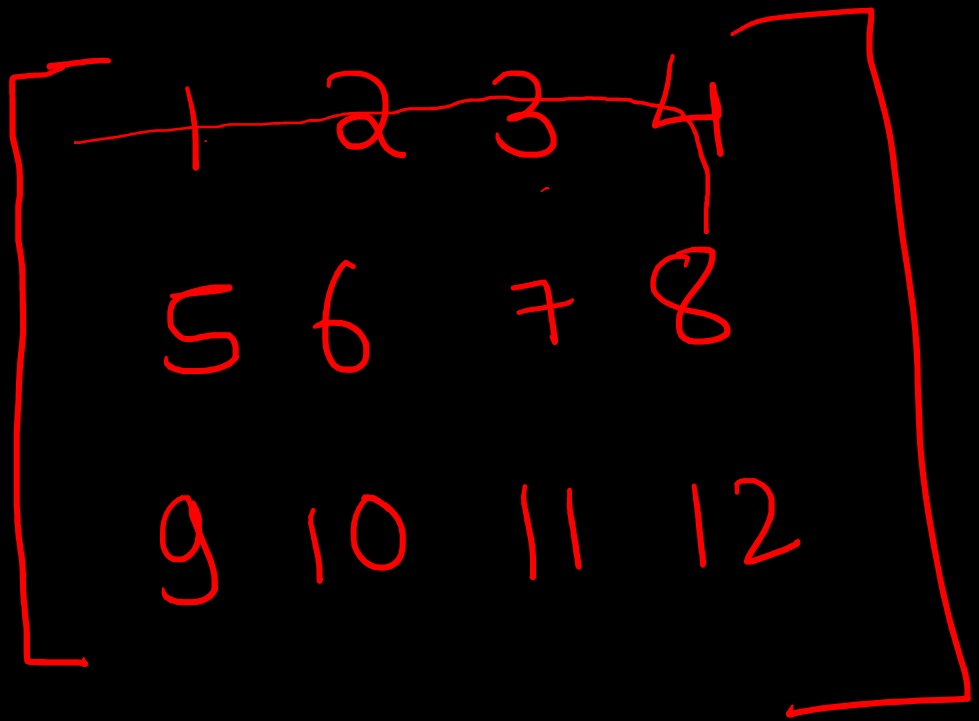
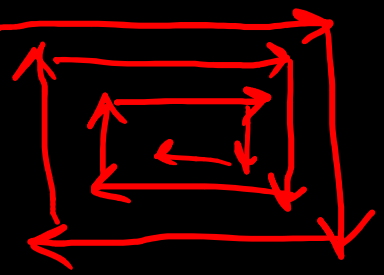
Transpose of a nxn matrix

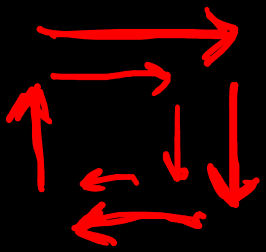


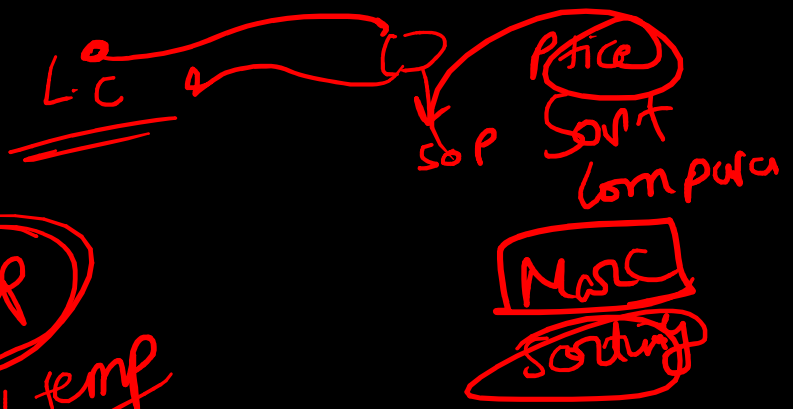
$A(i,j)$ $B[i][j] = A[j][i]$

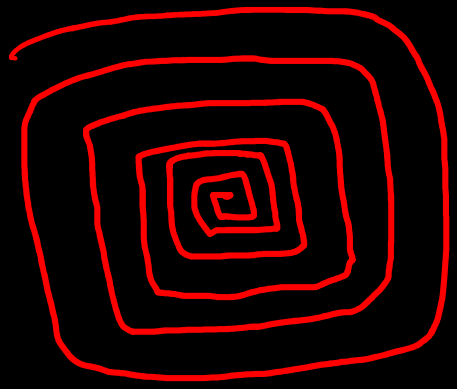
Spiral Order Traversal



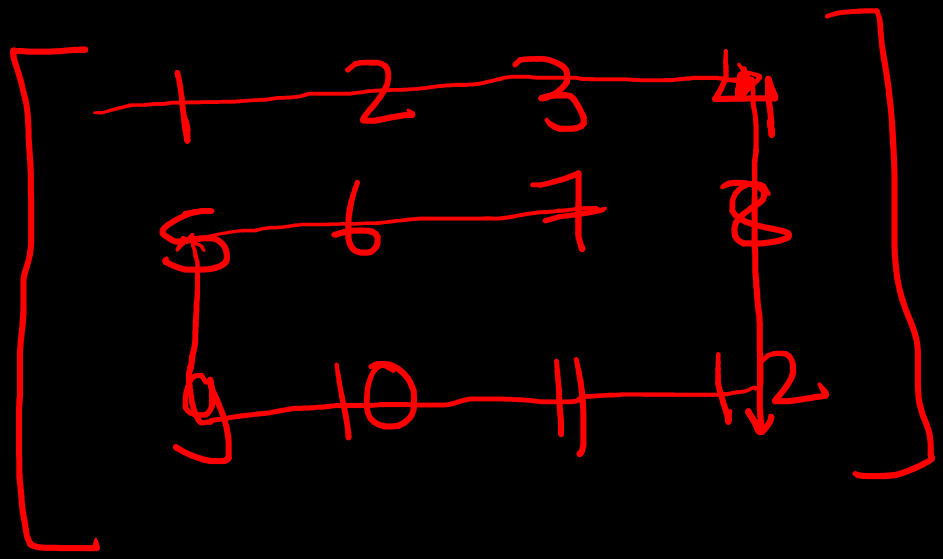


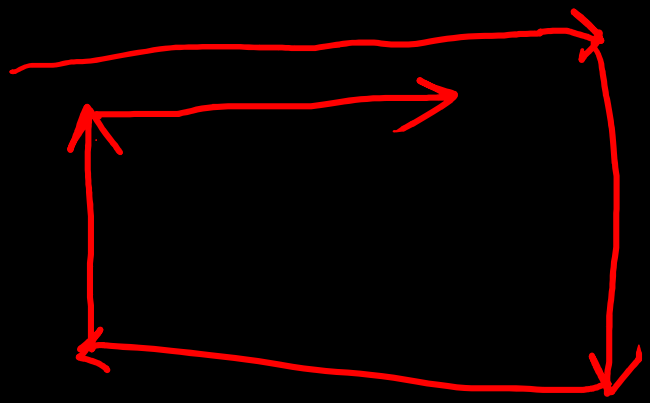


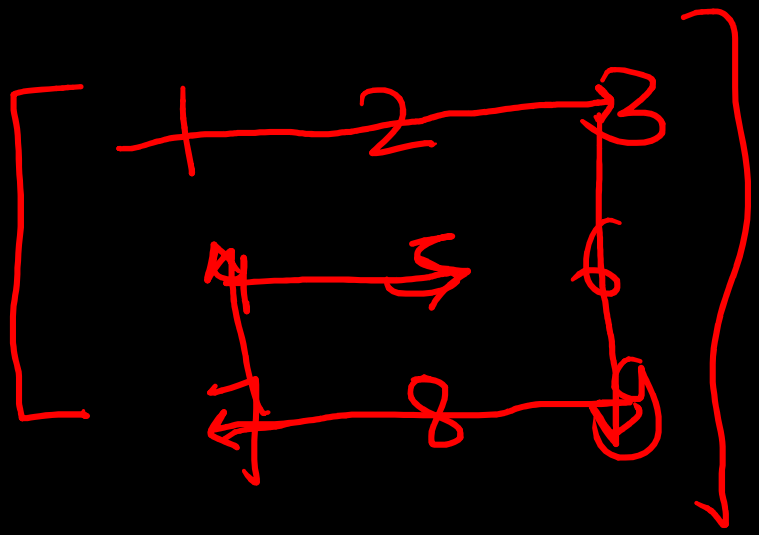


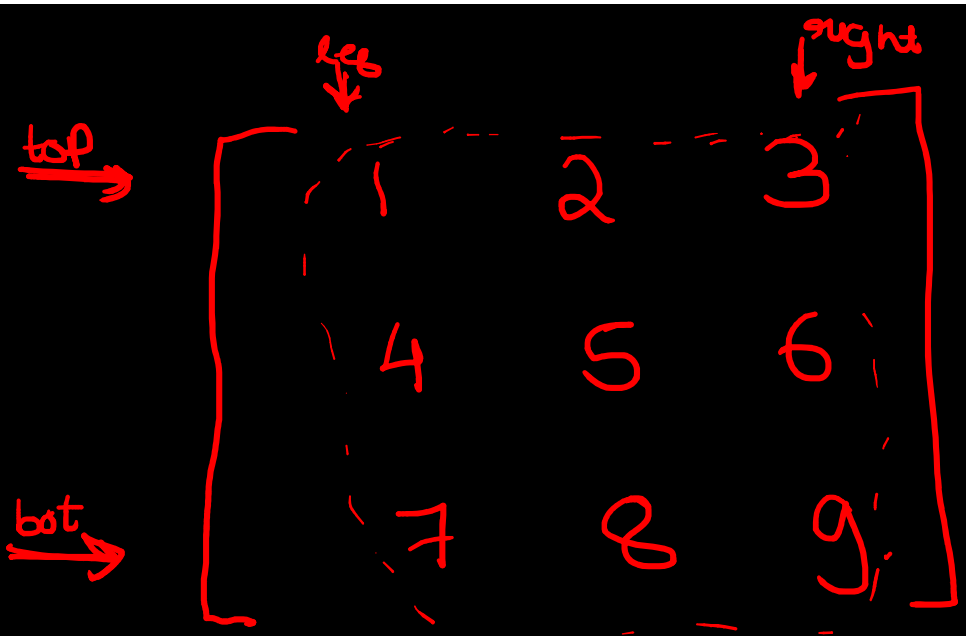


Medium



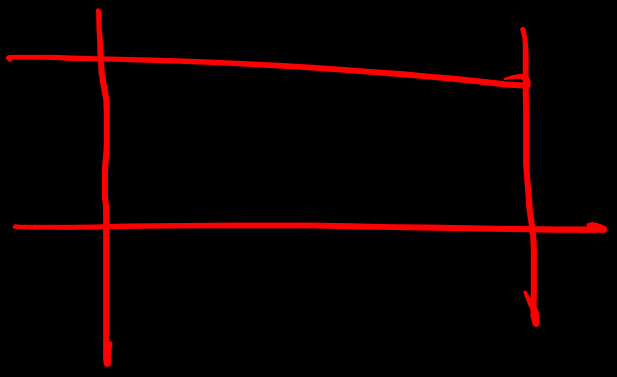


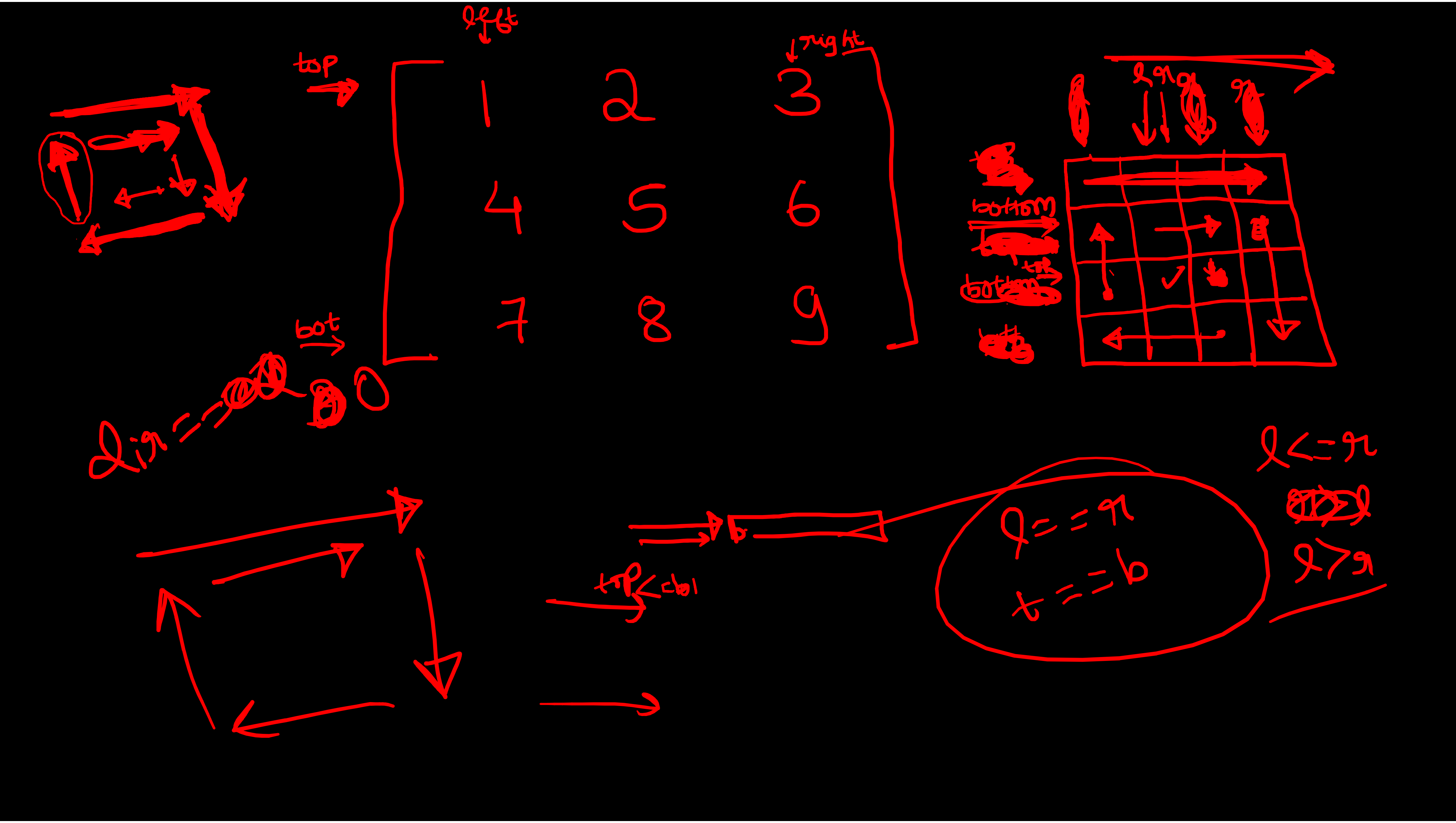




[top, bottom]

[left, right]





left
right
top
bot
1 2 3
4 5 6
7 8 9
bottom
dir = 0
top <= bot
l == r
t == b
l <= r
l > r