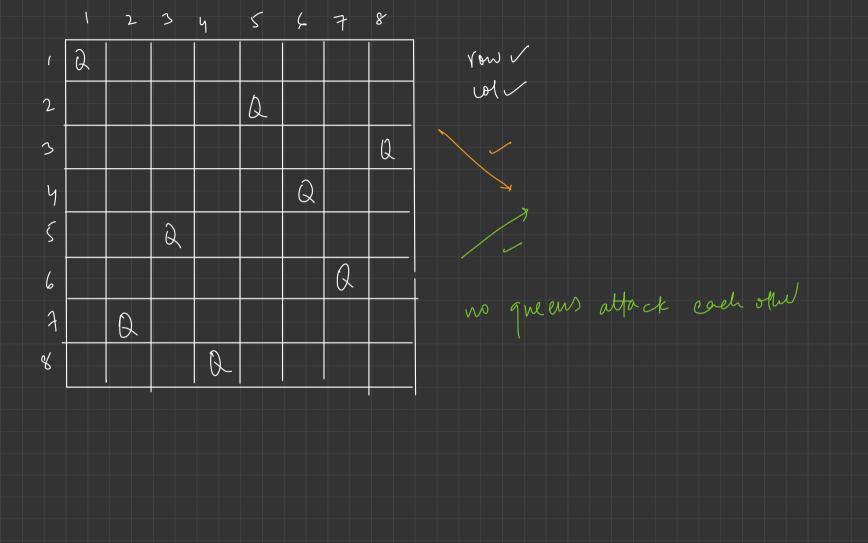
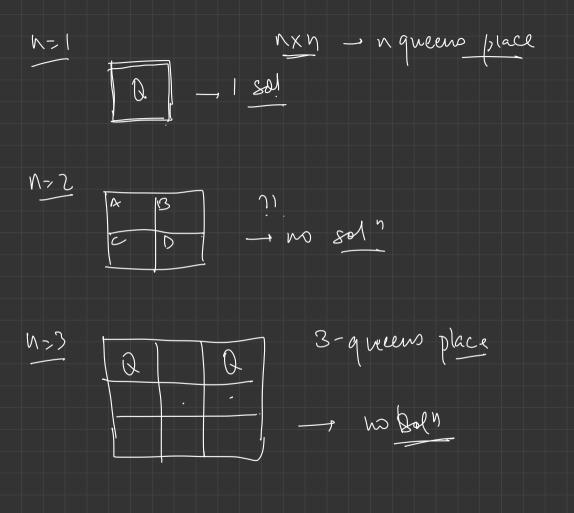
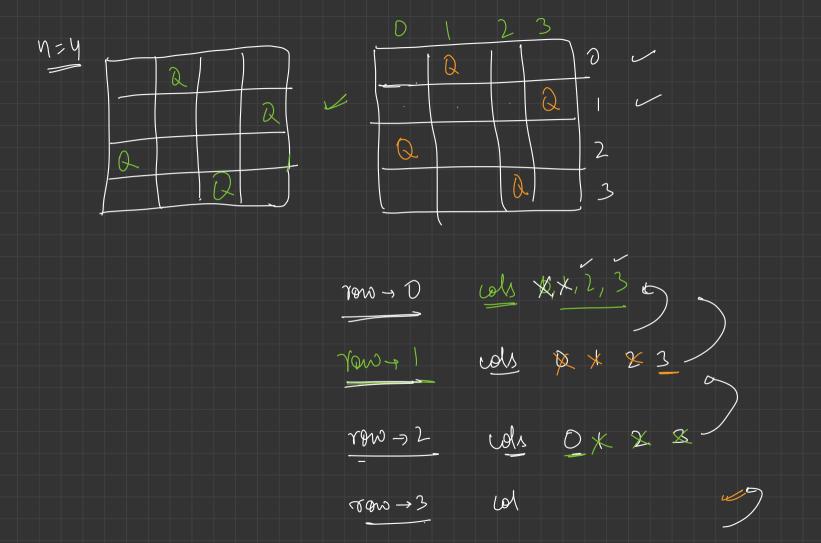
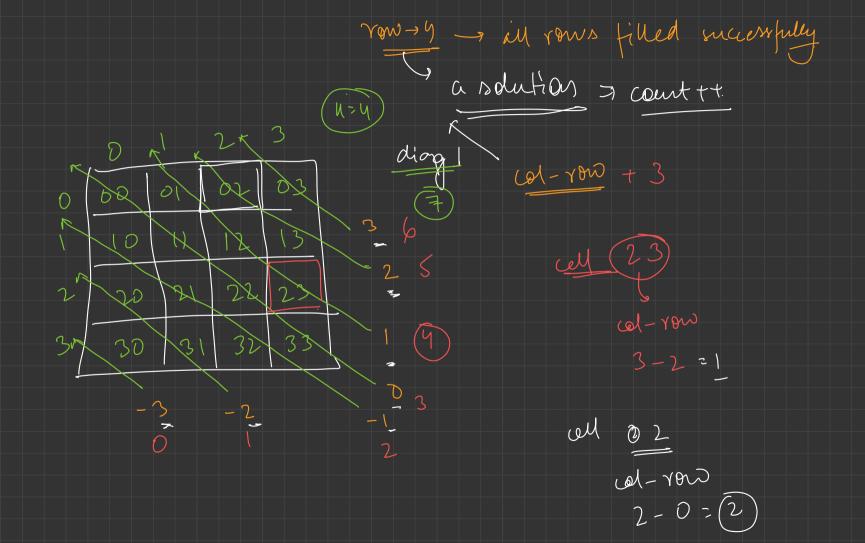


s possible steps explore





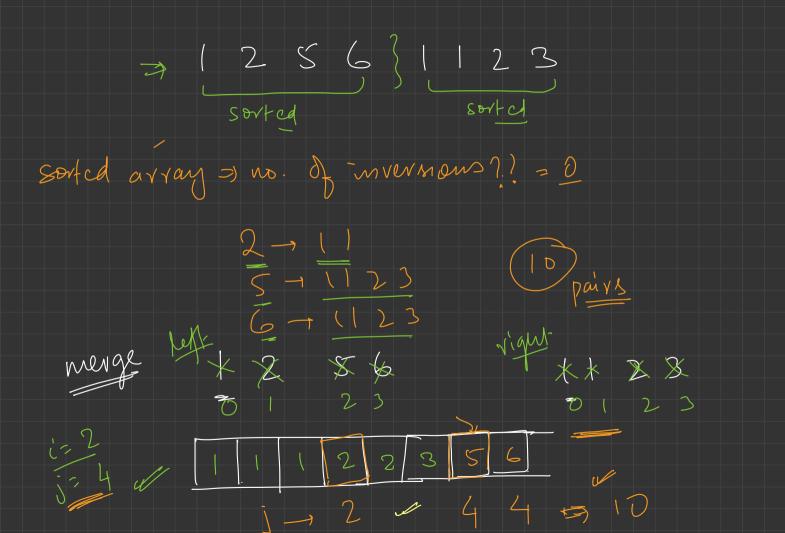




(ij) digit 4012 45 678 1) find the sub-grid of (i, j) 3) Sub-grid
dist from last multiple of 3 1 once, you have (Subxon), sub cd) check 3x3 matrix starting from that index Subgrid Start Row = (-(i/-3) Trayst of 7 Subgird - Start (al = 'j - (j 1/.3) from last multiple of 3

$$(5,2)$$
: StartRow= 5-51.3  
= 5-2=3

2 => (y) output (a[i],a[j]) such that m. of pairs i < j and a(i)>a(j) V (S, 1) ~ 21) (6,1)



us of inverted have to court all IP in right {2,13 of IP such that (S,1) first element ls in left \$

Second eliment is in right UD and Dave sub-problems: solve recursively (3) com be found using (merge) by sorting (1) and (2) fotal answer = D+D+3