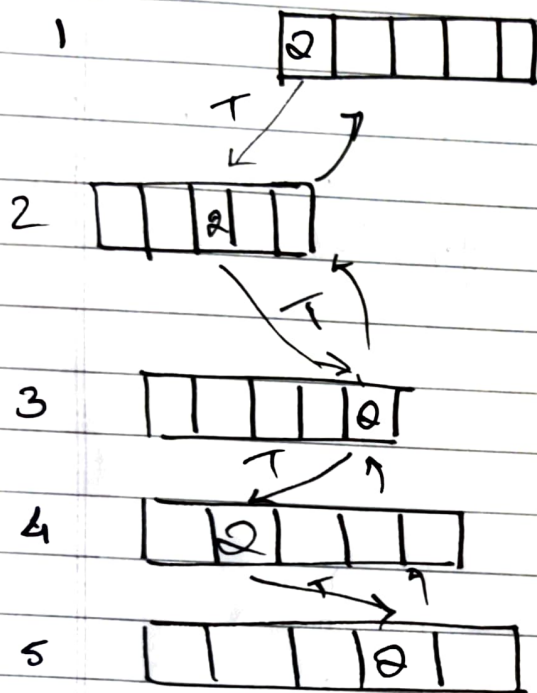


# \* N-Queen Problem

①  $N = 5$



	1	2	3	4	5
1	Q				
2			Q		
3					Q
4		Q			
5				Q	

Goal State:

Q				
		Q		
				Q
	Q			
			Q	

②  $N = 3$

Q		
	Q	
		Q

3 Queen problem solution can't be found as queen placed anywhere on the board will under attack and can't satisfy the necessary conditions.

③  $N = 8$

Q							
		Q					
				Q			
						Q	
	Q						
			Q				
					Q		