

$n=4$ , Dry Run

	0	1	2	3
0		Q		
1				Q
2	Q			
3			Q	

	0	1	2	3			
col							
Ndiag							
rdig							

Still there is one safe position available in 3rd row, so we will print this configuration and then back track to 0th row

Pop-

At P1 P2

N=4, Dry Run

	0	1	2	3
0				
1				
2				
3				

	0	1	2	3
col	T	T	T	T
ndig	0	1	2	3
rdig	0	1	2	3

Still the new value is present  
 available and  
 so we will print this configuration  
 and then back track to other row



Pep

AF  
P01

PLP  
P2  
P11

n=4, Dry Run

	0	1	2	3
0	0		0	
1	0			
2				
3				0

	0	1	2	3			
col	T	T	T	T			
	0	1	2	3	4	5	6
Ndiag	T	T	T	T	T		
r diag		T	T	T	T		
	0	1	2	3	4	5	6

Still the view on the previous  
available to the grid only.  
So we will print this configuration  
and then back track to other row.



$N=4$ , Dry Run

	0	1	2	3
0			Q	
1	Q			
2				
3	Q			Q

	0	1	2	3			
col	T	T	T	T			
Ndiag	0	1	2	3	4	5	6
	T	T	T	T	T		
rdig	0	1	2	3	4	5	6
		T	T	T	T		

Now still there is one position available in 3rd row so we will print this configuration and then back to select 0th row.

(Keep in mind that, while backtracking remove true marks in col, Ndiag, rdig array)



$n=4$ , Dry Run

	0	1	2	3
0	0			
1				0
2				
3				

	0	1	2	3	4	5	6
col	T		T	T			
Ndiag	T			T	T		
rdiag		T	T	T			
	0	1	2	3	4	5	6

Move to 2<sup>nd</sup> row, as soft  
plays are available.

$n=4$ , Dry Run

	0	1	2	3
0				
1				
2				
3				

	0	1	2	3
col		T		
ndig	0	1	2	3
rdig	0	1	2	3



$n=4$ , Dry Run

0	1	2	3
	Q		
			Q

	0	1	2	3			
col	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	0	1	2	3	4	5	6
ndiag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0	1	2	3	4	5	6
rdig	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0	1	2	3	4	5	6

$n=4$ , Dry Run

	0	1	2	3
0	<del>*</del>			
1			<del>⊗</del>	
2				
3				

	0	1	2	3			
col	FTSE	.	T				
	0	1	2	3	4	5	6
ndiag	FTSE			TSE			
rdig			T	T			
	0	1	2	3	4	5	6

Now no positions are available in 2nd row, Now backtrack.