

8, Solve the 8-Queen Problem using the following input and output.

Start State :-

Q							
			Q				
	Q						
			Q				
		Q					
				Q			
			Q				
							Q

Goal State :-

-	-	Q	-	-	-	-	-	8
-	-	-	-	-	Q	-	-	7
-	-	-	-	-	-	-	Q	6
Q	-	-	-	-	-	-	-	5
-	-	Q	-	-	-	-	-	4
-	-	-	-	-	-	Q	-	3
-	-	-	-	Q	-	-	-	2
-	Q	-	-	-	-	-	-	1
1	2	3	4	5	6	7	8	

=> In 8-Queen Problem we

can have total 92 Solutions

=> we use simple techniques to get the solution.

=> The placing of Queen is not affect another queen by rows, column and diagonal

=> Like that we do it in our own.

Another Solution :-

7			Q					
6	Q							
5						Q		
4		Q						
3					Q			
2							Q	
1				Q				
0	Q							
	0	1	2	3	4	5	6	7

Here the another solution which is founded by using Python Program :- ->