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2) Solve the 8-Queen Problem Using the following Input and Output.

→ In 8-Queen Problem we use simple technique to get solution.

⇒ There are total 92-solutions.

⇒ The placing of queen is not allowed to affect the another queen by rows, column and diagonal.

⇒ We check the every rows, column and diagonal of a queen while placing.

⇒ Here the two solutions of 8-queen puzzle.

⇒ These are the solutions which is got output from python program.

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

Ans:- (0,0) (6,1) (3,2) (5,3)
(7,4) (4,6) (2,7) (1,5)

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

Ans:- (0,0) (1,6) (2,3) (3,5) (4,7)
(5,1) (6,4) (7,2)