

\* Problem statement :-

- Rotate the given  $n \times n$  (square matrix),  $90^\circ$  clockwise.
- Do it in place.

\* Examples :-

1	2	3
4	5	6
7	8	9

 $\rightarrow$ 

7	4	1
8	5	2
9	6	3

\* Solution :-

1	2	3
4	5	6
7	8	9

 $\xrightarrow{\text{Reverse column wise}}$ 

7	8	9
4	5	6
1	2	3

 $\xrightarrow{\text{transpose}}$ 

7	4	1
8	5	2
9	6	3

Time complexity :-  $O(n^2)$

Space complexity :-  $O(1)$