Multidimensional Arrays
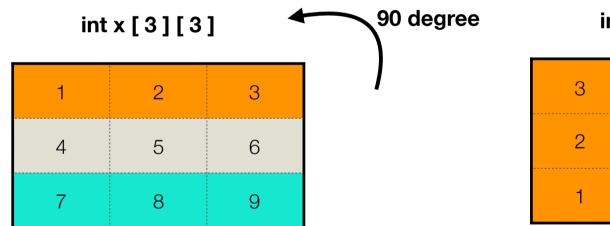
- Rotate by 90 degree

- Given a square matrix of size N*N.

- N —> Number of Row and column

- Rotate it by 90 degrees in anti-clockwise

int x [3] [3]

1	2	3
4	5	6
7	8	9

Hello world

Multidimensional Arrays

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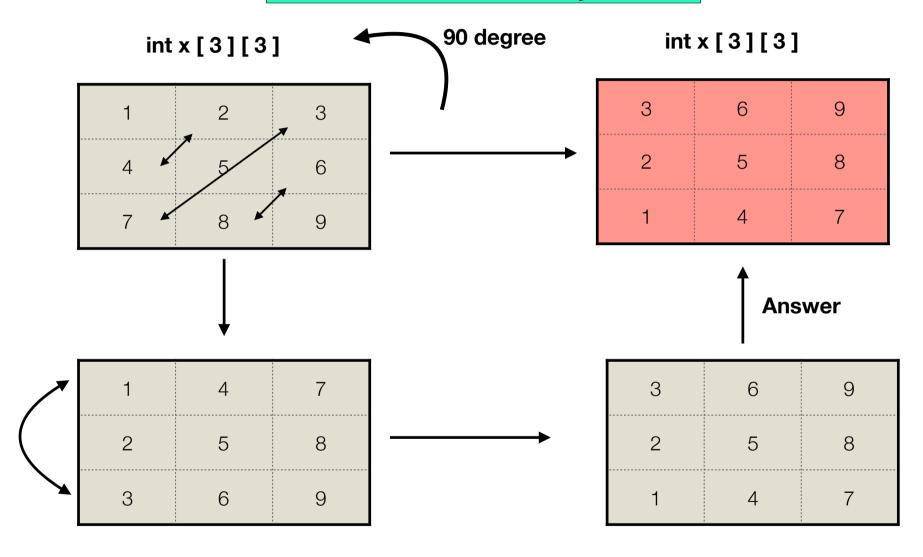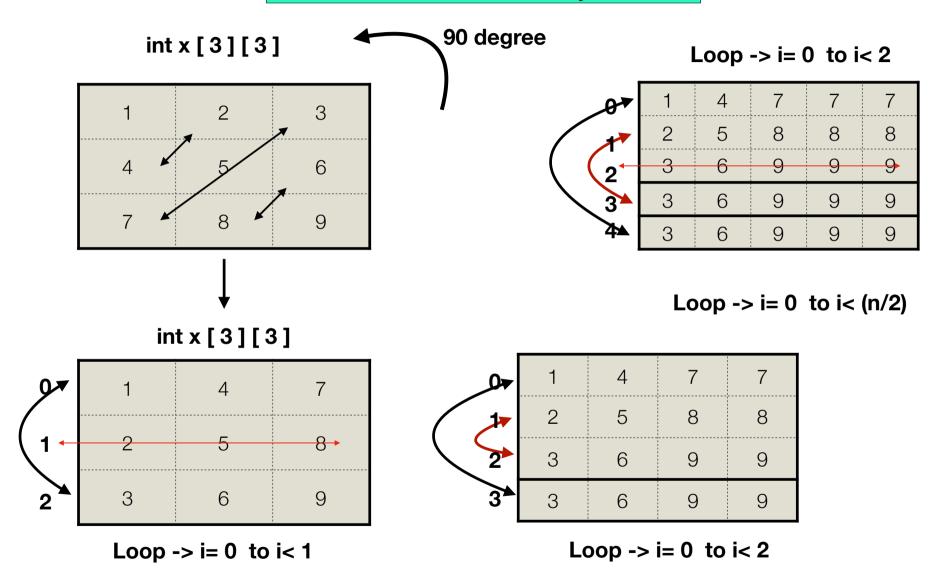- Rotate it by 90 degrees in anti-clockwise

int x [3] [3]   90 degree   **int x [3] [3]**

1	2	3
4	5	6
7	8	9

3	6	9
2	5	8
1	4	7

Hello world

Multidimensional Arrays

int x [3] [3]

90 degree

int x [3] [3]

1	2	3
4	5	6
7	8	9

3	6	9
2	5	8
1	4	7

1	4	7
2	5	8
3	6	9

Answer

3	6	9
2	5	8
1	4	7

Hello world

Multidimensional Arrays

Loop -> i= 0 to i< 2

1	4	7	7	7
2	5	8	8	8
3	6	9	9	9
3	6	9	9	9
3	6	9	9	9

0
1
2
3
4

for(int i=0 ; i< (n/2) ; i++)

{

}

0 -> 1

matrix[i] [ ]   **0**   **1**

matrix[n-1-i] [ ]   **5-1-0 //4**   **5-1-1 //3**

Hello world