

ASSIGNMENT - 7 ISYE6879

①

COO

Row idx	0	0	1	2	2	3	3
Col idx	0	2	2	1	2	0	3
value	1	7	8	4	3	2	1

CSR

Row	0	2	3	5	7		
col idx	0	2	2	1	2	0	3
value	1	7	8	4	3	2	1

ELL

Procedure:

	columns	value
0	0 2	1 7
2	2	8
1	2	4 3
0	3	2 1

pad rows

	columns	value
0	2	1 7
2	*	8 *
1	2	4 3
0	3	2 1

Final Answer:

column	0	2	*	0	2	*	2	3
value	1	7	8	4	3	2	1	
value	1	8	4	2	7	*	3	1

JDS

Row

Procedure

~~values~~

Row	col	rdn	values
0	0	2	1 7
1	2	1	8
2	1	2	4 3
3	0	3	2 1

Order

Shuffle according to no. of elements

Row	col	rdn	values
0	0	2	1 7
2	1	2	4 3
3	0	3	2 1
1	2	1	8

Final answer.

(Row Pointer)

Interpter	0	4					
col rdn	0	1	0	2	2	2	3
values	1	4	2	8	7	3	1
Row indices	0	2	3	1			
Row indices	0	2	3	1			
Row							