7 5 8 7 2 ← Event sequence Record 1

6 5 7 8 7 ← Event sequence Record 2

Window creation: (cumulative of all records) → For window creation logic Refer Slide 7 Lesson 4.

$W\{7\} = \{5, 8\}$ $W\{5\} = \{8, 7, 2\}$

$W\{8\} = \{7, 2\}$ $W\{7\} = \{2\}$

$W\{6\} = \{5, 7, 8, 7\}$ $W\{5\} = \{7, 8, 7\}$

$W\{7\} = \{8\}$ $W\{8\} = \{7\}$

Co-occurance Matrix

	2	5	6	7	8
2					
5	1			3	2
6		1		2	1
7	1	1			2
8	1			2	

Pair Approach

M0

((7,5),1)
((7,8),1)
((5,8),1)
((5,7),1)
((5,2),1)
((8,7),1)
((8,2),1)
((7,2),1)

1st record

M1

((6,5),1)
((6,7),1)
((6,8),1)
((6,7),1)
((5,7),1)
((5,8),1)
((5,7),1)
((7,8),1)
((8,7),1)

2nd Record

M.O

R0

((6,5),[1])
((6,7),[1,1])
((6,8),[1])
((8,2),[1])
((8,7),[1,1])

R1

((5,2),[1])
((5,7),[1,1,1])
((5,8),[1,1])
((7,2),[1])
((7,5),[1])
((7,8),[1,1])

R.I

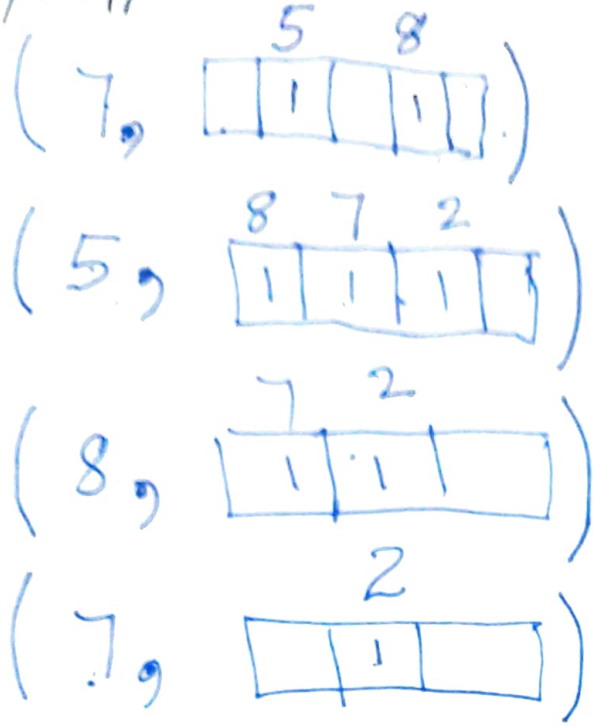
((6,5),1)
((6,7),2)
((6,8),1)
((8,2),1)
((8,7),2)

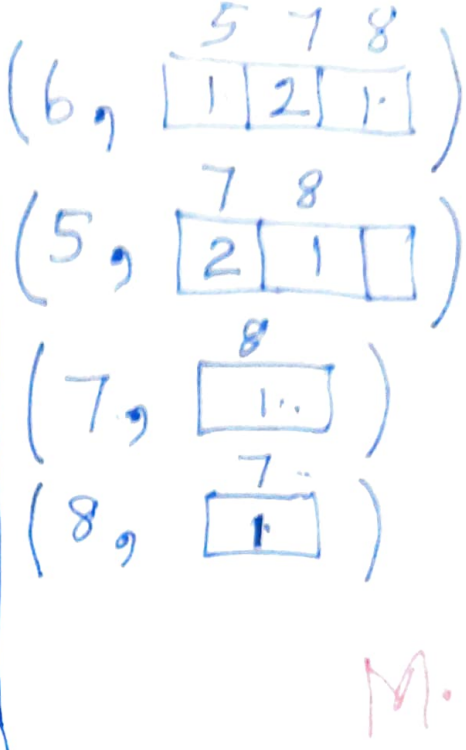
((5,2),1)
((5,7),3)
((5,8),2)
((7,2),1)

((7,5),1)
((7,8),2)

R.O

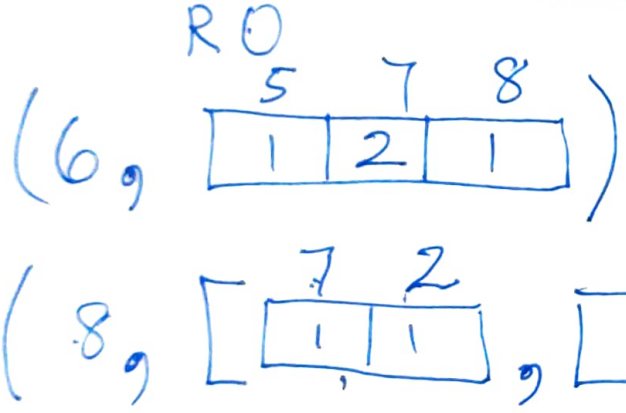
Stripe Approach

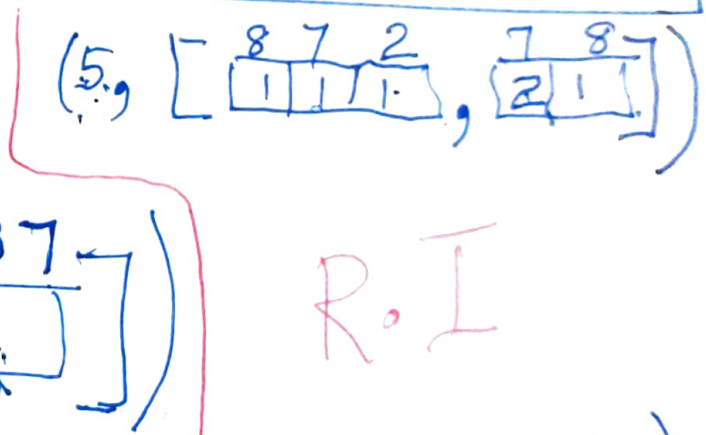




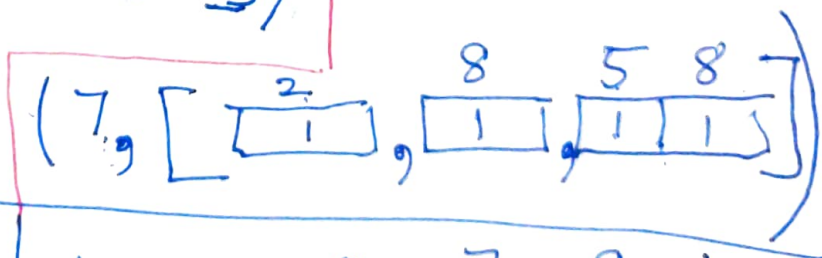
M.O

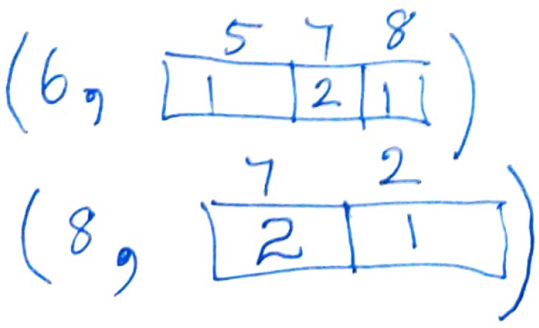
S — S

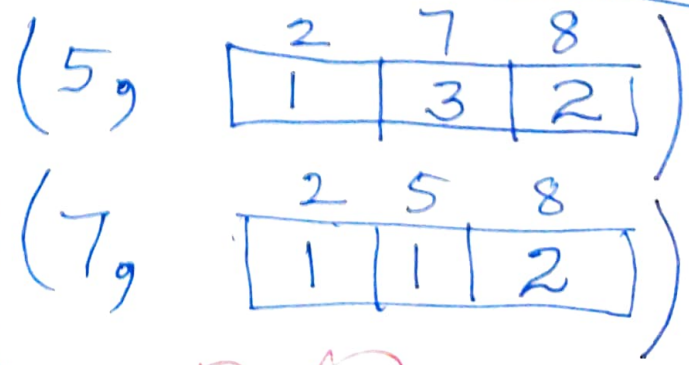




R.I







R.O