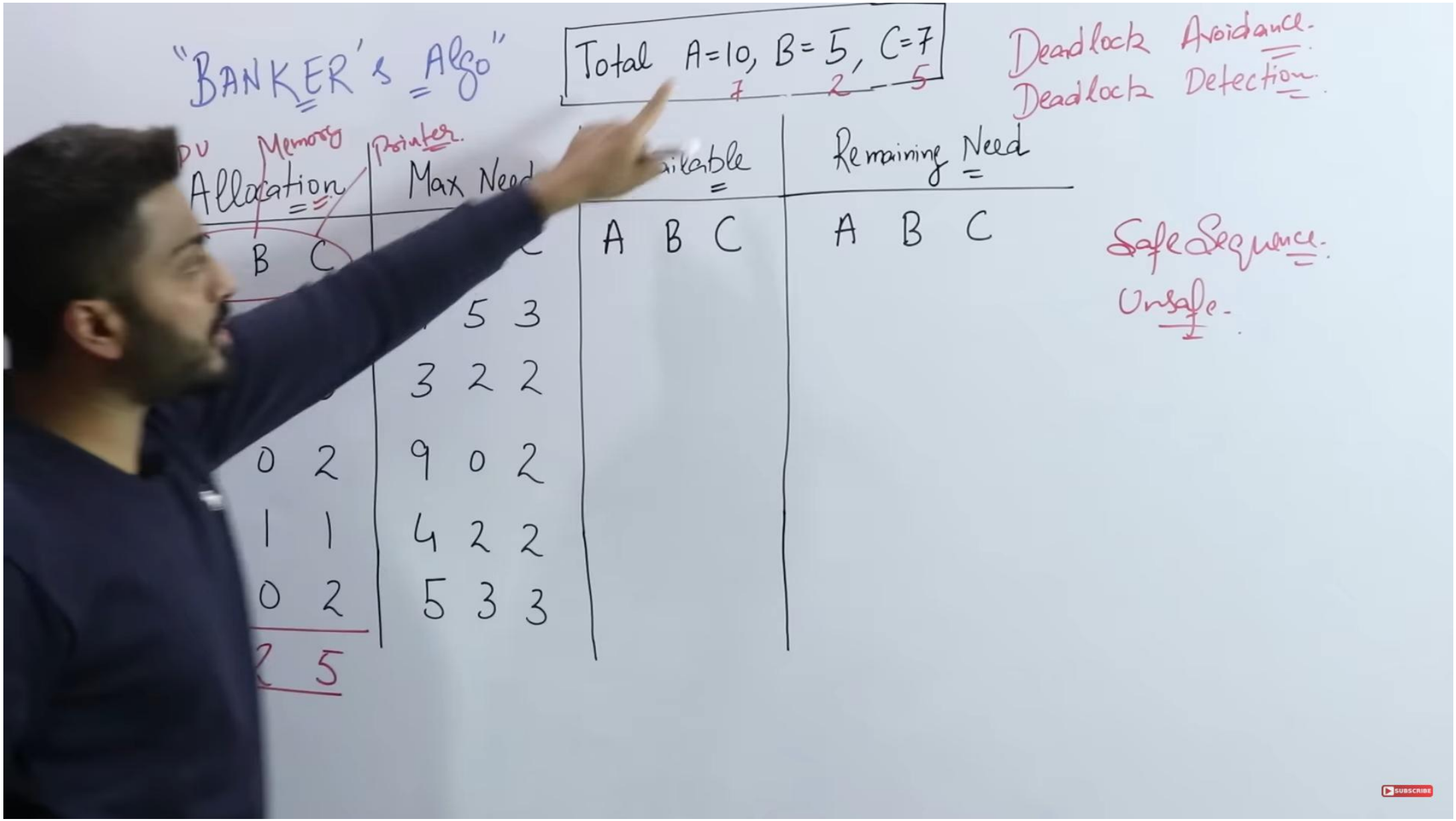
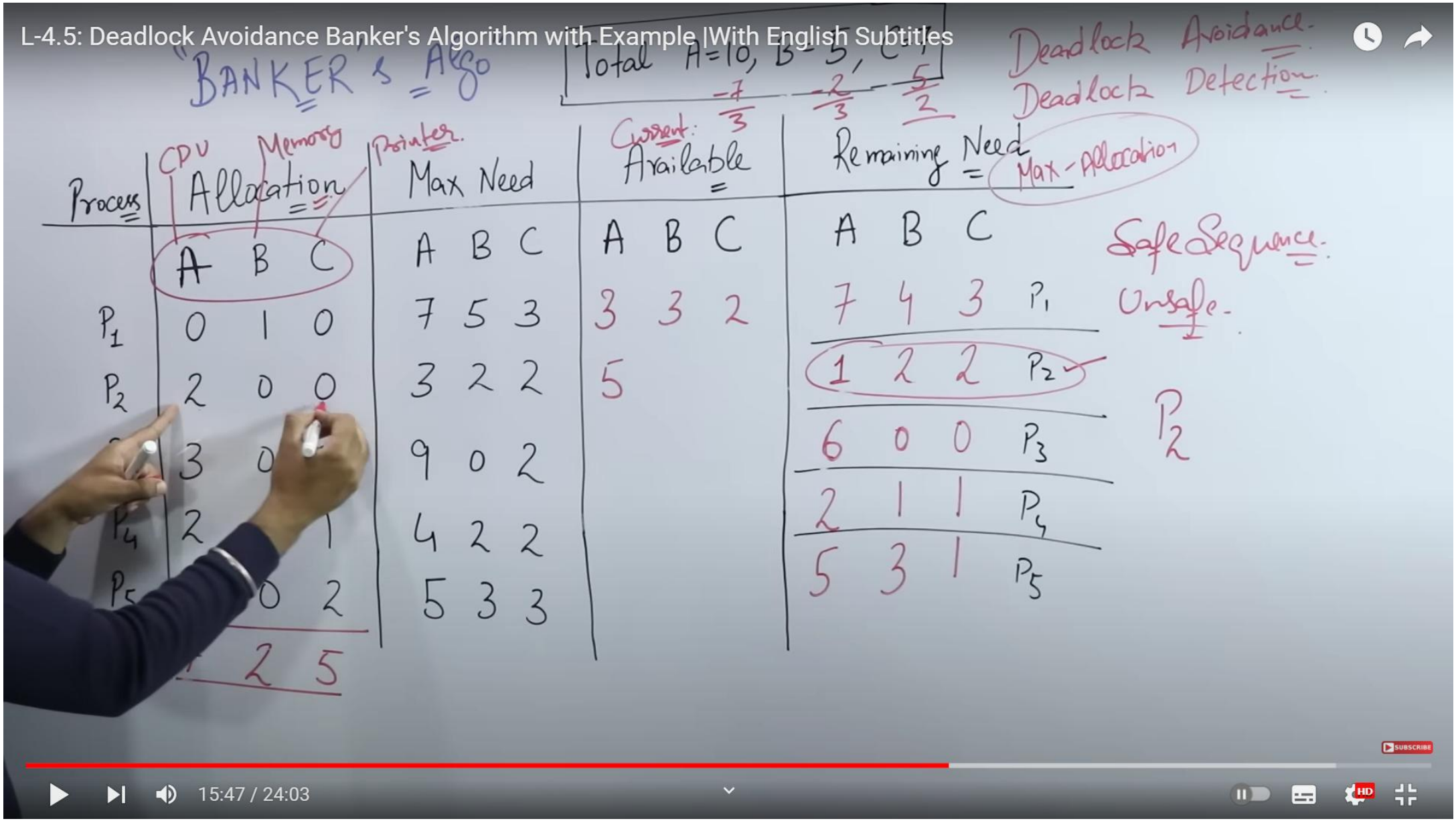
"BANKER's Algo"

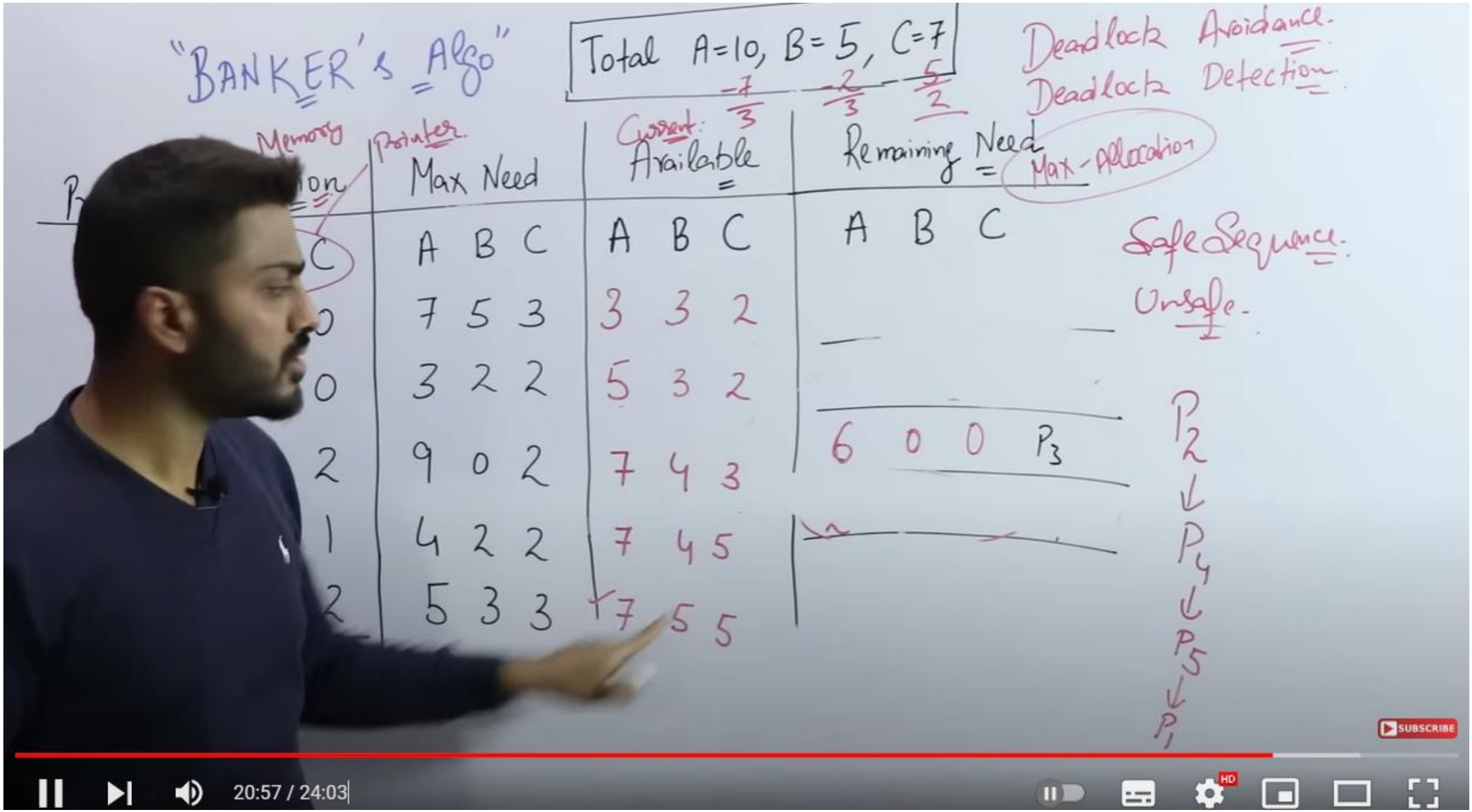
Total A=10, B=5, C=7

Deadlock Avoidance.
Deadlock Detection.

Process	Allocation			Max Need			Available			Remaining Need		
	A	B	C	A	B	C	A	B	C	A	B	C
P_1	0	1	0	7	5	3						
P_2	2	0	0	3	2	2						
P_3	3	0	2	9	0	2						
P_4	2	1	1	4	2	2						
P_5	0	0	2	5	3	3						


"BANKER's Algo"
Total A=10, B=5, C=7
7 2 5
Deadlock Avoidance.
Deadlock Detection.
Memory
Pointer.
Allocation
Max Need
Available
Remaining Need
B C
C
A B C
A B C
5 3
3 2 2
0 2
9 0 2
1 1
4 2 2
0 2
5 3 3
2 5
Safe Sequence.
Unsafe.
SUBSCRIBE


L-4.5: Deadlock Avoidance Banker's Algorithm with Example |With English Subtitles
"BANKER's ALGO"
Total A=10, B=5, C=7
Deadlock Avoidance.
Deadlock Detection.
Process
Allocation
Max Need
Current Available
Remaining Need = Max - Allocation
A B C
Safe Sequence.
Unsafe.
P2
15:47 / 24:03


"BANKER's Algo"
Total A=10, B=5, C=7
-7 -2 -5
3 3 2
Deadlock Avoidance.
Deadlock Detection.
Memory
Pointer
Max Need
Current Available
Remaining Need = Max - Allocation
A B C
7 5 3
3 2 2
9 0 2
4 2 2
5 3 3
3 3 2
5 3 2
7 4 3
7 4 5
7 5 5
6 0 0 P3
Safe Sequence.
Unsafe.
P2
P4
P5
P1
SUBSCRIBE
20:57 / 24:03