

Process	Allocation				MAX				Available				NEED			
	P	Q	R	S	P	Q	R	S	P	Q	R	S	P	Q	R	S
S	4	7	4	1	7	10	8	6	6	3	10	9	3	3	4	5
T	3	4	4	4	8	7	11	12	10	10	14	10	5	3	7	8
M	2	2	8	7	11	7	12	12	13	14	18	14	9	5	4	5
I	4	0	1	2	10	7	6	5	15	16	26	21	6	7	5	3
K	5	5	5	1	8	8	9	8	19	16	27	23	3	3	4	7
A	6	1	1	4	11	6	4	12	24	21	32	24	5	5	3	8
M	4	9	2	1	10	12	5	6	30	22	33	28	6	3	3	5
I	0	4	1	1	5	7	11	10	34	31	35	29	5	3	10	9
K	2	3	2	2	9	6	7	10	34	35	36	30	7	3	5	8
R	5	1	2	3	12	5	7	6	36	38	38	32	7	4	5	3
I	2	7	0	2	7	10	7	8	41	39	40	35	5	3	7	6
A	1	3	0	4	1	6	5	12	43	46	40	37	5	3	5	8
V	2	3	5	1	10	10	8	6	44	49	40	41	8	7	3	5

Mencari Allocation  
MAX - NEED

Mencari Available  
Available = Available + Allocated

Total Resource

46 52 45 42

Safe Sequence

<S, T, M, I, K, A, M, I, K  
R, I, V, A>

waktu	Teller A	Teller B	total saldo A	total saldo B
t1	Begin transa	transfer	10.000.000	1000.000
t2	Red(saldo A)	Read(saldo B)	10.000.000	1000.000
t1				
t2	transfer	Begin transaction	1000.000	10.000.000
t1				
t2	Commit	c		
t1		commit		