

Checkers.

③ A) $\text{Necessidade} = \text{Max} - \text{Alocação}$

Need. Max. Allocation.

P0	0	0	0	0
P1	0	7	5	0
P2	1	0	0	2
P3	0	0	2	0
P4	0	6	4	2

B) Trabalho (Work)

Available.

Trmino.

F0	F1	F2	F3	F4
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1	5	2	0	7	0	0	0	0
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+	+	+	+	+	tilibra
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→ soma com a allocation.

✓

1	5	3	2
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 > 0 7 5 0

✓

2	5	3	2
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 > 1 0 0 2

3	8	8	6
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 > 0 0 2 0

3	14	11	8
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 > 0 6 4 2

3	14	12	12
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* Ele está em estado de segurança.

→ P0, P1, P2, P3, P4.

* São executados na ordem

→ Vai ser o novo disponível

c) (0, 4, 2, 0) feita por P1, é atendida imediatamente?

Request < Need ✓
0 4 2 0 < 0 7 5 0

Request < Available ✓
0 4 2 0 < 15 2 0

Process	Allocation	Need (necessidade)	Disponível
P1	1 4 2 0	0 3 3 0	1 1 0 0