

	Allocation	Max	Available	Need	
	A B C D	A B C D	A B C D	A B C D	
P <sub>0</sub>	3 0 1 4	5 1 1 7	0 3 0 1	2 1 0 3	P <sub>2</sub>
P <sub>1</sub>	2 2 1 0	3 2 1 1	3 4 2 2	<span style="border: 1px solid black; padding: 2px;">1 0 0 1</span>	P <sub>1</sub>
P <sub>2</sub>	3 1 2 1	3 3 2 1	5 6 3 2	<span style="border: 1px solid black; padding: 2px;">0 2 0 0</span>	P <sub>3</sub>
P <sub>3</sub>	0 5 1 0	4 6 1 2	5 1 4 2	<span style="border: 1px solid black; padding: 2px;">4 1 0 2</span>	
P <sub>4</sub>	4 2 1 2	6 3 2 5		2 1 1 3	

It's in dead lock as  $(2, 1, 1, 3) > (5, 1, 4, 2)$

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