RGPV 2016

Consider the following snapshot of a system

Process	Allocation			Max			Available		
	A	B	C	A	B	C	A	B	C
P0	0	1	0	7	5	3	3	3	2
P1	2	0	0	3	2	2			
P2	3	0	2	9	0	2			
P3	2	1	1	2	2	2			
P4	0	0	2	4	3	3			

Answer the following questions using Bankers algorithm:

i) What is the, content of the matrix need?

ii) If a request from process P1 arrives for (1,0,2) can the request be granted immediately?

iii) Is the system in a safe state?

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