	ALSO CONTRACTOR OF THE PROPERTY OF THE PROPERT
	The state of the s
	Process Nacd C
	A B
Medical	P ₁ 2 2
my bear	R2 O
	6
0.4	0 1 3
illat	Ps 4
	A CONTRACTOR OF THE CONTRACTOR
2)	Determine if the system is safe or not
V)	Dell'anir
->	Apply the Banker's Algorithm.
	Anailaille resource of A, B & C and 3, 3, & 2
	2 2 2 2
step 1:	For Process Pr
	Need <= Available
	7, 4, 9 <= 3, 3, 2 Condition is false
1 0 0	Providence have tell to many and the land of
step 2	For frows P2
	Næd < = Available
	1. 2, 2 <= 3,3,2 cond' frue Neur anaitable = anaitable + allocation 3,3,2 + 2,00 => 5,3,2
	2 3 9 + 200 = 6 3 9
	3,3,1
step 3	For Process Py
	Pred <= Available
	6,0,0 <= 5,3,3 cond' false

grep 4: PFor ly Need <- Anailable Neur available = available + allocation 5,3,2 + 2,1,1=7,4,3 step 5 : For P3 Need <= Anailable 1 Neu avaitable = avaitable + allocation 7,43, +0,0,2 = 7,4,5 Now we again examine each type of resource step 6: For frocers li Need <= Anailable 7,4,3.6=7,4,5 and True New anaible - anaiblike + allocation 7 4 5 + 0, 10 = 75 5 step 7: For Process Ps New <= Anai able. New anailable = anailable + allocation 7,5,5 + 3,0,9 = 10,5,7

Mence, une execute the Banker's algorithm to find the safe stale on safe sequence like P2, Pu, Ps, Pa, P3. 3) What will happen if the resource request (1,0,0) for process le can the system accept this request immediately =) For granting the request (1,0,2) first we need to check their request <= Anailable i e (1,0,2) <= (3,3,2) since the condition is true. so process P, gets the request immediately.