bechure-1	Date OF/02					
Bru	roge					
<u> </u>						
+	Deadlock avoidance -					
-4						
	Safe state - & state is safe if the system can allocate					
	sofe state - & state is safe if we represent to each process in some state and still avoid					
	a deadlock.					
	Colores & Mariane of Moderney Rolling					
	Safe sequence of sequence of processes P. o. P., on More y is a safe sequence for the ament allocation state y					
	1 . 00 M . 1/5 UA . 1.4 1.4 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1					
(care les rationed by the Mill eletter authority					
	flus the resources held by all the 1; will g					
[]	12 instance (Man reed = acces)					
(order	Map relias Actions (1)					
5- Po \	Po 10 5 (8-2=1) (needs 2+2=5) (needs 2 (needs 2)					
	P ₁ 5 2 5+2=0 3					
92	725 460					
Vo	ealls in very at 12 împart					
	We check if need: a ovcidable					
- Singline, - sentitue - with the - (myant	Po does not Juju as 573					
- with	P. Jufils					
- (mfor	A STATE OF THE STA					
	Allocation + (Avail - Neldy)					
	/ Aug					
	(Auoc + need)					
= Alloc2 + avail						
	Order of allocation = <p. p2,="" po=""></p.>					
	(2/12)					
	Mapneeds Alacation Available Needs					
	lo 5 2 5					
	2 2+2=4 2					
	2 5 2fl=3 4ps=9 2					
	(P1. P2. Po)					

Scanned by CamScanner

1											
			Drailable G	7=k >	L No J	M. Alimute	C. Co.				
/	Allocation [i, i] = k -> ith process requires k no. of jth instance.										
/											
1											
1	4										
	needed by i'm process										
	for all in First Giz = False										
/	Need: = Map: - Alloci										
if [Need: E Available)											
2 mil more											
1	Available = Available + Allocz; Gining: = frue										
	.01	M	3	3 (May-Alore)							
1	5 proce	surc	<i>v</i>	Mayo	1 1 2 1 2	d Available	e .				
			7 000 000 1	AB (A B	C729 AB C					
K	eroure <u>Ri</u>	Many	R DID	759	3 74	3 (123 8 2) h	Iven				
	A = 11		P. 200	3 2 2	2 1 2	2 5 3 2					
	b 7		B 302	g One	0 60	2 5 8 2					
			Pg 211	22	2 0.	A75 1. 42.					
1			P 00 2	43	3 4.	745					
			7			+000					
						735					
		0	of regulines			+302					
			(P P - 1	2, 0, 0, >		10 5 7	E				
1	(P, P3 P4 Po P2>										
1			Allocation	Mass	Need	Available					
_		R	AB C	ABC	AG C	ABC					
-	4	Por	010	753	7.4.3 x	230					
_	1	PIL	30200	322	020	532					
1	5	ρ_2	302	90 2	600 n	749					
	, 2	P3 V	211	222	0.11	002					
	9	9	002	433	4 8 1	7 45					
	9	le	And marketin			755					
		reque	me = C.Pr Pa	Pa Po Po >	>	302					
		· ·				Scanned by Ca	m Coonnor				

Scanned by CamScanner