Date. / /

	Pranter Spooler Pro	blem:
	Multiple - spoolers - trake etema-	> Give to
7.0		To print a
	avaa hijimaa	e document they
I 2)	Store SD[Ri], "F-N" (fi.doe)	real musi get.
I 3)	INCR Ri	executed
I 4	Store mign], Ri	
	Spooler D'grectory	
	0 flodoc	INI
	2 Prenter	
	i de la companya della companya dell	
		Chat a we
	Spooler es a l'éle a program	i which dakes
· · · · · · · · · · · · · · · · · · ·	go to specier derectory & spool	user & those er takes the
	go to specier directory & spool programs one by one & print to the printer sequentially of	off printed.
-	In shows the location of to	he nesd stem sectory.
No. of the last of		

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-	In et zero. Enstally	
->	Feest we load mem: adds at milestles R:	
(جنو	Jeest we load mem addi- of mignign Ri i.e. O comes en Ri	
	We store for doc en SD[0] (SD = spooler der.).	
	Spoaler Derectory	
	of 1. doc 9n 101	
45	2	
3		
1		
-) We Increment Ri from 0 to 1		
	Also In gets encremented from 0 to I	
- The prenter would take they file from		
here & print of, they by the mormal		
	case scenargo.	
-	Case 2: Lets assume that some files.	
-	are also already present an SD.	
	50	
	Offodoc Now In & poenteng	
	1 f2-doc to 3	
	$2 \cdot f_3 \cdot doc$	
-	3 f4:doc = 9n 3	
	4 R1 3144	
-		

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	Now say that 2 co-operative processes
	P, & P2 have autred:
	11000 B 100 to 100 to 11000 GB 3D 4
	P2 wants to put f5-doc 9n SD; so both
	Share the same code
-)	Let's say that P, comes frest & executes
	I_1, I_2, I_3
	î.e. now 3 comes en Ri
-3	Stores fy. doc 9n SD[3]
	Ri get encremented from 3 to 4
-	9t gets pre-empted now & P2 comes Ento play
	P2 comes ento play
· · · · · ·	Sp as 9n 95 not encr. 1.e. et 3
	3 comes en Ri
	of fooder gets stored en SD[3], which
_	over conflex fordor
	R2 get encremented from 3 to 4
	& 4 & gets stored in migh
	Now Po termenates & P. comes
	Now Ri has \$4 stored in Et
	& mgn gets overwrited to 4 again
16.	
	Now there es a problem of less of data
	as fs. doe over writes fy doc
	PIIII2 I 3 I 4
\	
	P, I,
ward ward	

So we need to use semaphores or monstory