James Harizy			357	and the same of th
Operation Sy	stems Final Assis	oment		
O * It protects and separates process	ses from each	other.		
execution of programs to	brosest 6chold a	ng improber al	sof the comp	outer.
Daly linterrupt is generated per block	, regimen than th	e 1 interrupt pe) hyre.	
- input and output mechanisms				
- memory that stores data and inst	ructions			
- A control unit that contains an				and the second
- A Processing unit that contains	an arithmetic 1	ogic unit and	blocellor m	its
- any stored - program computer in Whi	ich an instruction	fetch and a	data operation	
cannot occur at the same time be	cause they share	a Common by		1
		gyana, ana tidhan a dhiri a dha air air i dha airdan dhan aba'ir a dha ath an dha air an dha air an dha air an	(otential	
Py Requesting allocation	Max	Avgilable	need	
< 2,3,1 > A B C	АВС	ABC	ABC	555
fo 110	5 5 5	3 3 3	445 -	110
	343 4 4 4	333	1016-	444
Pa 210	142 6 6 1	-231	4516	G61
P ₃ 321	5 2 2	102	2016	
Total: 10 8 6	Targeton 1 29			
156(1. 10 %	available + P1	343		Acres to the same of the same
<u> </u>		445	THE MARKS TO	Pull.
Answer: < P1, P3, P0, P2>		= + 3 2 1	ayaha a	
194 × 1		766		
State is safe mymon	Po	= + 110		
request can be granted		0 +8		
	P ₂	$= \frac{210}{10 \cdot 66}$	and the second	and the same of th
A. Aren	7 2	70 6 6		
9 @ Size of page = 1mb (1 mil bit)		In the ap	901	
the formula for a page s	ile 210, we rea	ed 1 mg bute	ed he hee	2120
to represent the comov			N. M.	Ø 10
44. 64-20=44, th			My Syre	the state of the s
			A STATE OF THE PARTY OF THE PAR	-
	All Artist Art			

6) 2144.1mb = 2144.2120 = 2164 bytes

	-			
5) TLB buyers is used normalays with high speed memory	336			
TLB reduces time taken to access user memory location	the same and the s			
LD TRANSCES FINE TELEST CO 38	and the second s			
Sprit 44: 18 bits for inner page offset (212 = 4-byte entries)				
44-18= 26 bits for outer page				
2126 entries in the outer page table				
every entry needs to be 8 bytes long				
total size of outer page tuble = 2129 bytes (2126.8)	al trade and the Princip country day to complete a principal of the contract or the contract of the contract of			
@ spiit 26: 18 bits for inner page offset (212 = 4-byte entricy)				
8 bits outer lage number				
218 entries in the outer page table				
every entry needs to be 8 bytes long				
total size of outer page table 211 bytes (218.8)				
@ advantages! makes the size of the outer page smaller from how it was tru	o-level			
disadvantages: there are more rows than hashed page tables, so its not as				
10 efficient as an invested page table				
benefits. not solved:				
• no internal fragmentation • External fragmentation				
· Could save memory if the segments o there are segments of unsegual 50	Let			
as are very omall and substitute be and not suited so much for s				
Combined into 1 page.				
The main memory is more stuble valike TLB that changes more often				
to since TLB is already pretty fast and the main memory is slow, we wan	ud			
want to cache the main memory to access parts faster				

Frame 2! Frame 3: Frame 3: H-Hits	3 F F	3 3 4 4 F H	5 5 5 4 6 6 F F F 8 = 4	3 3 4 4 6 6 F H every L	3 3 3 3 4 4 4 1 6 6 6 6 6	3 3 3 1 2 2 6 6 1 H F F	10 + H H H H H H H H H H H H H H H H H H	5 5 1 1 1 1	5 5 2 2 3 1
			t i!	vu 1 1	3 13 6 4				
	Page	time		10	1	Answer			
-	100	ta	<u>+5</u>	<u>t9</u>	113		same as 13 changes	sha it a	only
	1	01	10	11	11	11	13-4-14	-00 T 4	
	2	11	41	11	01	01	in a sulfan for a bas now a super cells have a read continue of the continue o		The second section of the second second second section is a second secon
	3	10	01	00	10	10	Marting and the second section of the second section and the second section and the second section and the second section section and the second section section and the second section sectio		
	4	10	11	01	00	00	- water to fire		
	Š	10	01	0.0	00	00	55. 1800 500 1100		
	G	00	00	10	11	11			
	3	00	00	00	10	10			
	Me	(1,2,3,4,5)		(1,246)	(1,2,3,6,7)	MS = {4,2	1,3,6,7}		
	··········		removed.	removed:	(1,2,3,6,1) <u>addict</u> , 3,1,6,7 (emaid); 4,5			millionigans, who cyricinal g eneral learness and cyricinal registra	The Text continued are purposed to a population and according to the continued to the conti
		_	removed.	3,5,7	removal;				
				the colored war and a state of the configuration of					
10	FCFS	56-5	5 = 1		SSTI	F: 56-	\$5=1	1-14-7-	12+12
			3 = 18			55-	69" 14		-148 -7 +18
			6= 49 39			G9-	76=7	= /	304 distance
			8= 12	was an and the tippe our		76-	88= 12	seek f	me=>
		88-1	85 = 97			-38	100=12		304) - 24.65
		185 -	30 - 155			100	- 126= 26		time units
		30-	126= 96			126	-185=59		MINI J
126-12:114 185-37 = 148									
12-100=88 37-30=7									
	the transfer on the state of th	- 001	69=31			30	1-12518		
1-18-	- 43 -12	1 ⁴ 93 -188 Seek time	1 L962114	+88+31 = 51) ~ 36	651 distance .08 time units				

Ctrl

DC