	Assessment of the second of th	2 4
08.1.	Assignment 2-05 monay_17	4
> t	NEGG WORDIX:-	UI.
		וכ
	PO 2 1 0 3	7
	P2 0 2 00	20
	P3 4 1 0 2	51 7 8
	P4 2 1 1 3	10
2.	P2 - Need = 0200	
	Available = 0301	2
-	- Pz is completed	ω
	P1 - Meed= 1001	4
	Available = 3422	15
	: Plis completed	16
	P3 - Need = 4102	17
	Available = 5632	18
	: P3 (ompleted	117 18 19 20
	0. 0. 0.	9
	Po and Pu cannot be completed	
	. The bystem is not in safe stelle.	21 22 23 24
9.2	+1) 11/19/19/19/19/19/19/19/19/19/19/19/19/1	2
-) t-	21001 000 1231 1	2
2 (Need matorix:	24
	PO 0 0 0 0	2 5
	P1 0 7 5 0	
	0 1002	6
	P3 0 0 2 0	26 27
	P4 0 6 42	28
Sundaram	FOR EDUCATIONAL USE	29

manav_17 2. Po : Need = 0000 Available = 1520 : Po completed P2 : Nepd = 1002 Available = 1532 : P2 completed P3: Need = 0020 Available = 2886 : P3 completed Py: Need = 0642 Available = 2 14 118 : P4 completed P1: Need = 0750 Available = 2 14 1212 .. PI completed This System is in safe state and safe sequence is Po, Pz, P3, Pu, P1. 3.3. Fisst fit! 220K -> 500K C.280 left) 430K-> 550KC.120 left? 110K -> 120 K (10 left) 425K-> nowhere big enough left Best fit! 220K-> 300K(80 left) 430K-> 500K (70 left) 1101< -> 1201< (MO NETT) 425K -> 550 K C 175 JEFH) FOR EDUCATIONAL USE Sundaram

8.3.

-> mosst teti

2 20K -> 550K (330K Jeft)

4301c-> 5001c (701c left)

110K -> 330K (220 K LEFT)

425 K -> no where big enough

8.4.

Frame Size = 3

FIFO page deplacement

Number of Hits = 5 and miss = 15

-												I.			
	Frame	6	0	5	2	0	3	0	4	2	3	0	3	2	1
	0	6.	6	6	2	2	2	2	13	4.	4	0	0	0	
	1		0	0	0	0	3	3	3	2	2	2	2	2	
	2			5	5	5	5	0	0	0	3	3	3	3	
	PF	7	4	Y	Y	-	Y	Y	Y	Y	7	4.	-		
	HER THE STREET			CONTRACTOR OF THE PARTY OF THE	Year of the last					SERVICE CONTRACTOR		NU PROPERTY NEW			

. 5

C8. U

72.

Number of Hits = 12 and miss=8

Frame	6	0	5	2	0	3	0	4	2	3	0	3	
0	6	6	6	2	2	2	2	2	2	2	2	2	
1		0	0	0	0	0	0	4	4	4.	0	0	
2			5	5	5	3	3	3	3	3	3	3	
PF	4.	Y	y.	4.	_	-	_	Y	-	-	4.	-	
								TO LEAD TO SERVICE			Car Pit		

-			_				the state of the s	The second second	
	2	5	2	0	5	6	0	5	
	2	2	2	2	2	6	6	6	
		0			0		0		
	3	5	5	5	.5	5	5	5	
	-	4.	-4	-		X	-	_	
м	-								_

3

LRU page Replacement

Number of Hits = 8 and miss = 12

								The state of the s						
	Frame	6	0	5	2	0	3	0	14	2	3	0	3	
	0	6	6	6	2	2	2	2	9	14	4	0	0	
	1		0	0	0	0	0	0	0	0	3	3	3	
-	2			5	5	5	3	3	3	2	2	2	2	
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							THE PLANT							

2	5	2	0	5	6	0	0	5	
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2	2	7	2	2	6	6	6:	6	-
-	Y.	_	Y	-	Y F	1/	CATION	AL USE	

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8.5.

Frame Size = 4.

Optimal Page Replacement Number of Hits = 14 and miss = 6

Frame	2	0	3	0	14	2	3	0	3	2	7	2	0
0	2	2	2	2	2	2	2	2	2	2	2	2	2
1		0	0	0	0	0	0	0	0	0	0	0	0
2			3	3	3.	3	3	3	3	3	7	7.	7
3					4.	4.	4.	4	4	4	u	4	4.
PF	4	4	X	-	Y	-	1	_	-	-	Y	_	-

_								_
-	17	5	0	7	5	7	0	
	2	2	2	2	2	2	2	
	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	
	4	5	5	5	5	5	5	200
	_	4	_	-	_	_	_	

LRU page Replacement: Hits = 14 and Miss = 6

_			-		_									-
	Frame	.2.	0	3	0	4	2	3	0	3	2	7	2	
	0	2	2	2	2	2	2	2	2	2	2	2	2	
			0	0	0	0	0	0	0	0	0	0	0	
	2			3	3	3	3	3	3	3	3	3	3	
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	PP	4.	Y,	Y	_	X	-	_	-	-	_	4.	-	
												-		

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	212	
		12 4 2 4 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
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