Assignment-2 ID-1938520113 Page replacement Algorithm

4. 5+ rang: 7,0,1,2,0,3,0,4,2,3,0,3,2. Frame Size: 4 Size & String=13 Frame Size: 4

1				1 1	2	m)	3	0	41	2	3	0	3	2
\iint	F.S	7	7	7	7	7	3	3	3	3	3	3	3	3
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	4					12	,	1 4	1	1	4	1	*	- X

hit = 6. Page fault = 13-6=7

2. strong: 1, 2, 3, 4, 5, 1, 3, 1, 6, 3, 2, 3

Frame Sizei 4 Sizei 12

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4					4	٦			'		1	171

Page fault=12-3=9.

316+ ping - 4, 7, 6, 1, 7, 6, 1, 2, 7, 2 Frame size = 3
String length = 10
FS 47 61761272 hit=4
1 4 4 1 1 1 1 1 1 1 1 Page Fault = 6
112
13
* * * 76.33, 12, 3, 6
1,2,3,4,2,1,5,6,2,1,2,3,7,6)
4. String Size=20
Fame Size: 4
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111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 2 2 2 2 6 6 6 6 6 7
12 1 2 2 2 2 6 6 6 6 6 6 6
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
3 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4 7 7
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hit = 6 . Page fault = 14
SP State of pair

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	1	7	+	+	7	+	3	3	3	3	1	12		1	,	
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	14	+:25	1.		- P3 *	来	2.1	*	, 	*	K	*	*	<u>₩</u> .	42.	
	,		1	Pag	Rhou	1,t=1	3-	=6 = 1		15 15 (ر ا	ລໍ.	ට <i>1</i>	2		
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	2	6	2 ,	2	2	1	2	1.	\ ~		7/2	1	1	Ţ	1	
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1																

3. Strings: 4, 7, 6, 1, 7, 6, 1, 2, 4, 2 Frame = 3 String Size: 10 72 2 6 ¥S 7 Page 4 fault = 20-4 = 26 66 Litter String: 1, 2, 3, 4, 2, 1, 5, 6, 2, 1, 2, 3, 7, 6, 3, 2, 1, 2, 3, 6

Frame: 4

String Size = 20

I F C	1.	ವ	.3	4	2	1	5	6	2	1	2	3	7	6	3	2/	-	2	2	9 1
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h# = 10

Page fault = 20 - 10 = 10

	Optimal Page Replacement Algorithm:
	1. string 7,0,1,2,0,3,0,4,2,3,0,3,2
	Frame size=4. String size=13
	FS. 7012030423032 Not
	1 7 7 7 7 7 3 3 3 3 3 3 3 3 3 3 3
	2 000000000000000000000000000000000000
	3 111144444 4 4 1 13-7
	4 222222222 = 6
	* * * * *
	2. String: 1,2,3,4,5,1,3,1,6,3,2,3 F.S=4
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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į	2 2 2 2 2 2 2 2 2 2 Page fault
	= 12-6
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	* * * * *
	3. String: 4,7,6,1,7,6,1,2,7,2 FS=3,
	11-51 41-10-10-10-10-10-10-10-10-10-10-10-10-10
	1 9 19 19 19 19 19 19 19 19 19 19 19 19
	3 6 6 6 6 6 6 6 6 6 6
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2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		. 2	
3	,	-	3	3	3	B	3				13		3			3	3	3	3	3	
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