

HIBA ZUBAIR

SECTION F

18K-1361

DUE DATE: 15th Dec 2020

18K-1361

ACTIVITY 4

3 2 1 3 4 1 6 2 4 3 4 2 1 4 5 2 1 3 4

P1 P0

f_4	4	4	4	4	4	4	4	4	4	4	1	1	1	1	1	1	1
f_3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3
f_2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	5	5
f_1	3	3	3	3	3	3	6	6	6	6	6	6	4	4	4	4	4
	*	*	*	H	*	H	*	H	H	*	H	*	*	*	H	H	H

page faults = 11

Optimal page replacement:

f_4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
f_3	1	1	1	1	6	6	6	6	6	6	1	1	1	1	1	1
f_2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
f_1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	*	*	*	H	*	H	*	H	H	*	H	*	*	H	H	H

page faults = 8

LRL

f_4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
f_3	1	1	1	1	1	1	1	3	3	3	3	3	5	5	5	5
f_2	2	2	2	2	2	6	6	6	6	6	6	1	1	1	1	1
f_1	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
	*	*	*	H	*	H	*	H	H	*	H	*	*	H	H	H

Page faults = 11