

Least Recently Used (LRU)

Reference Sequence

7,7,7,2,2,4,4,3,5,3,5,3,2,5,6,7,8,
5,5,6,64,64,3

No of frames

4

Calculate

Reset

Output

Page Replacement Matrix

	7	7	7	2	2	4	4	3	5	3	5	3	2	5	6	7	8	5	5	6	64	64	3
f1	7	7	7	7	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3
f2				2	2	2	2	2	2	2	2	2	2	2	2	2	8	8	8	8	64	64	64
f3						4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	6
f4								3	3	3	3	3	3	3	3	7	7	7	7	7	7	7	7
Page Hits	✗	✓	✓	✗	✓	✗	✓	✗	✗	✓	✓	✓	✓	✓	✗	✗	✗	✓	✓	✓	✗	✓	✗

No. of Page Faults : 10

No. of Page Hits : 13

Page Hit Ratio : 56.5%

Page Miss Ratio : 43.5%