

CSCI 315 Operating Systems Design

Activity 21

Work with one or two partners in this activity.

Consider the page reference string presented as follows. For each of the page replacement algorithms indicated and assuming that **five frames** exist, annotate each reference as a hit (H) or a page fault (F) (i.e., write the corresponding letter above each page reference).

OPTIMAL page replacement

7	6	1	2	3	4	6	1	5	6	2	1	2	3	7	6	3	2	1	2	3	6

FIFO page replacement

7	6	1	2	3	4	6	1	5	6	2	1	2	3	7	6	3	2	1	2	3	6

LRU page replacement

7	6	1	2	3	4	6	1	5	6	2	1	2	3	7	6	3	2	1	2	3	6