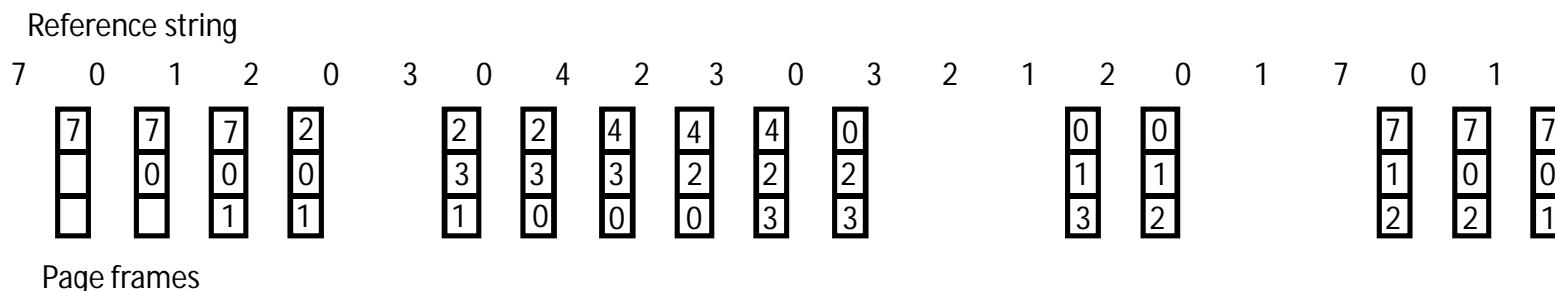


PAGE REPLACEMENT ALGORITHMS

FIFO



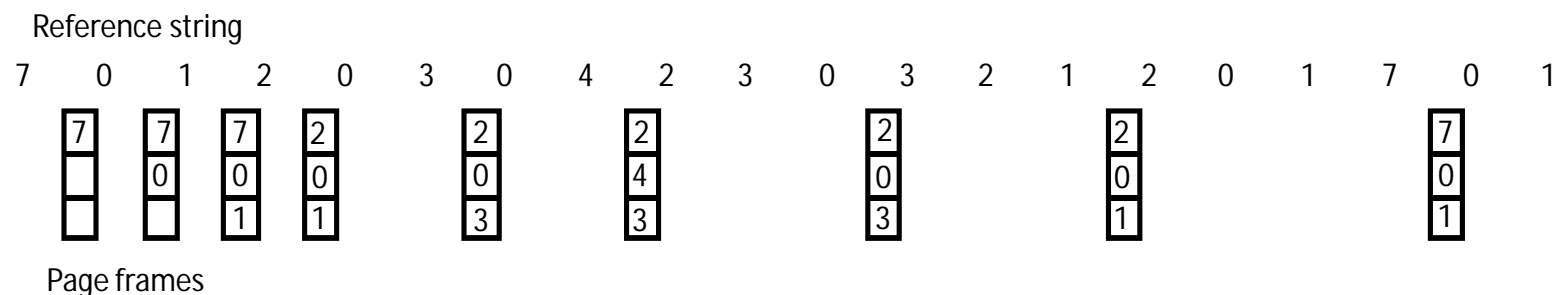
FIFO algorithm selects the page that has been in memory the longest time
 Using a queue - every time a page is loaded, its
 identification is inserted in the queue

Easy to implement

May result in a frequent page fault

Optimal Replacement (OPT) - Lowest page fault rate of all algorithms

Replace that page which will not be used for the longest period of time

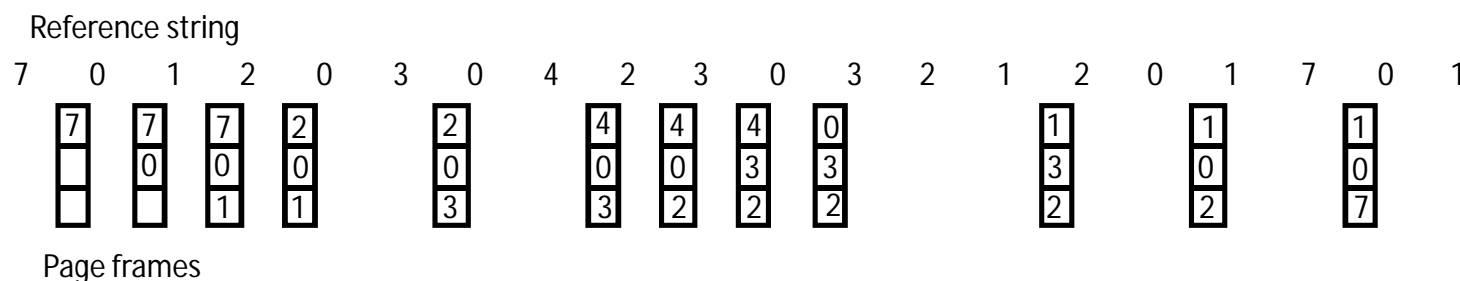


PAGE REPLACEMENT ALGORITHMS

LRU

- OPT is difficult to implement since it requires future knowledge
- LRU uses the recent past as an approximation of near future.

Replace that page which has not been used for the longest period of time



- LRU may require substantial hardware assistance
- The problem is to determine an order for the frames defined by the time of last use