Exercise Questions on November 12, 2018

QUESTION #1
For the following memory-page access sequence, show how NRU (Not Recently Used) memory page replacement algorithm works (assume three memory pages are available in the physical memory). Assume FIFO algorithm on a tie.

0, 1, 2, 3, 0, 1, 4, 0, 1, 2, 3, 4

QUESTION #2
For the following memory-page access sequence, show how “2nd Chance” memory page replacement algorithm works (assume three memory pages are available in the physical memory).

0, 1, 2, 3, 0, 1, 4, 0, 1, 2, 3, 4