Northern Michigan University (Marquette Co, MI)

CS426-01-26F: Operating Systems (Andrew A. Poe) Name: _____
Quiz 8 Friday 6 November 2026 3:00 P.M. EST

Time: 15 minutes.

Suppose I have a system that holds only 4 pages of memory at a time. I issue commands to modify the following pages in order. Indicate which pages are swapped in and out to accomplish this using the LRU strategy.

1,2,3,4,5,4,3,2,1,0,5,0,1

1: 1 swapped in
2: 2 swapped in
3: 3 swapped in
4: 4 swapped in
5: 1 swapped out / 5 swapped in
4:
3:
2:
1: 5 swapped out / 1 swapped in
0: 4 swapped out / 0 swapped in
5: 3 swapped out / 5 swapped in
0:
1: