Name _____
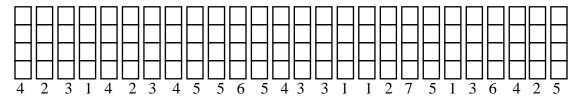
1. Consider a reference string:
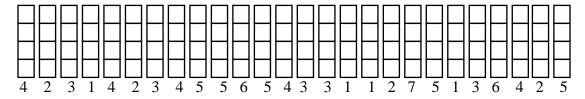
    4 2 3 1 4 2 3 4 5 5 6 5 4 3 3 1 1 2 7 5 1 3 6 4 2 5

    There are a total of 4 page frames available.
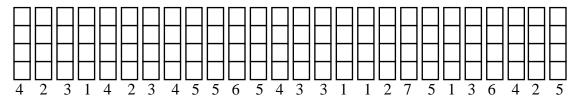
    a. Construct the page replacement table for FIFO algorithm and record how many page faults. **Fill in the page table after each reference.**

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

    b. Construct the page replacement table for LRU algorithm and record how many page faults. **Fill in the page table after each reference.**

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

    c. Construct the page replacement table for 2nd chance algorithm and record how many page faults. **Fill the page table after each reference.**

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

    d. Construct the page replacement table for MFU algorithm and record how many page faults. **Show the page table after each reference.**

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