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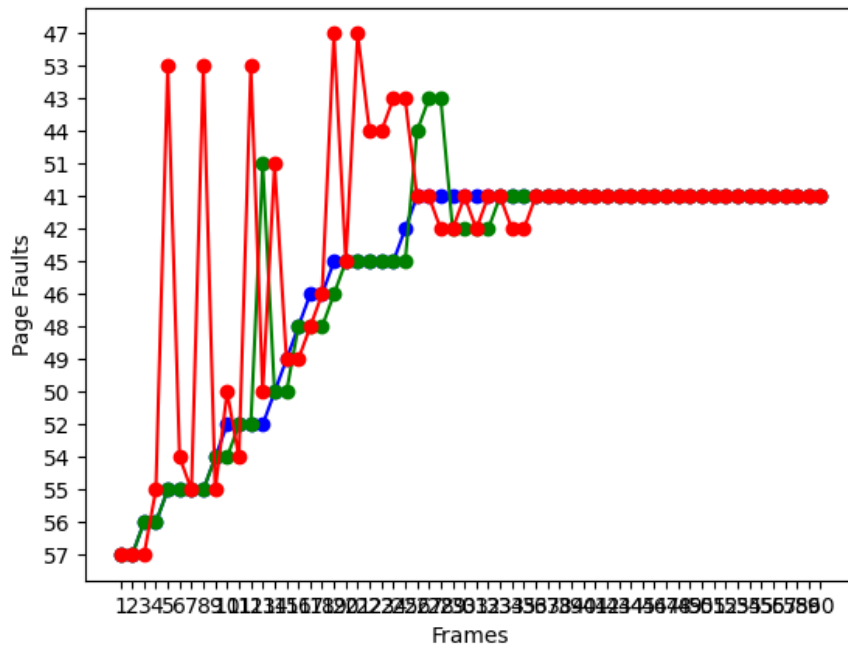
Assignment-8

CS-314:Operating Systems Lab

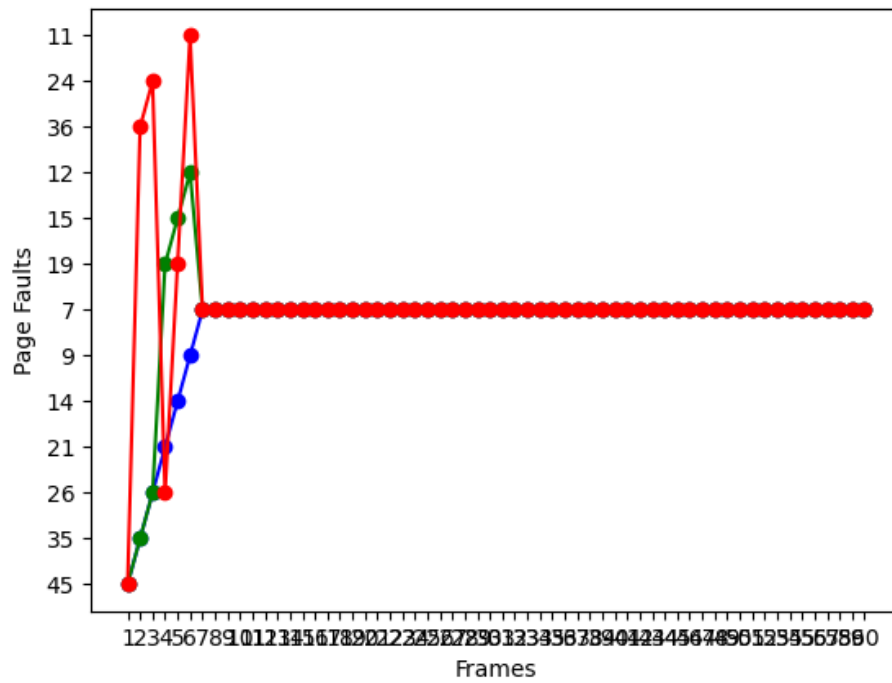
Definitions:

- **LRU**: The memory is freed of the page that has been used the least recently.
- **FIFO**: The page that arrives first gets removed from memory first.
- **Random**: The main memory's pages are periodically deleted.

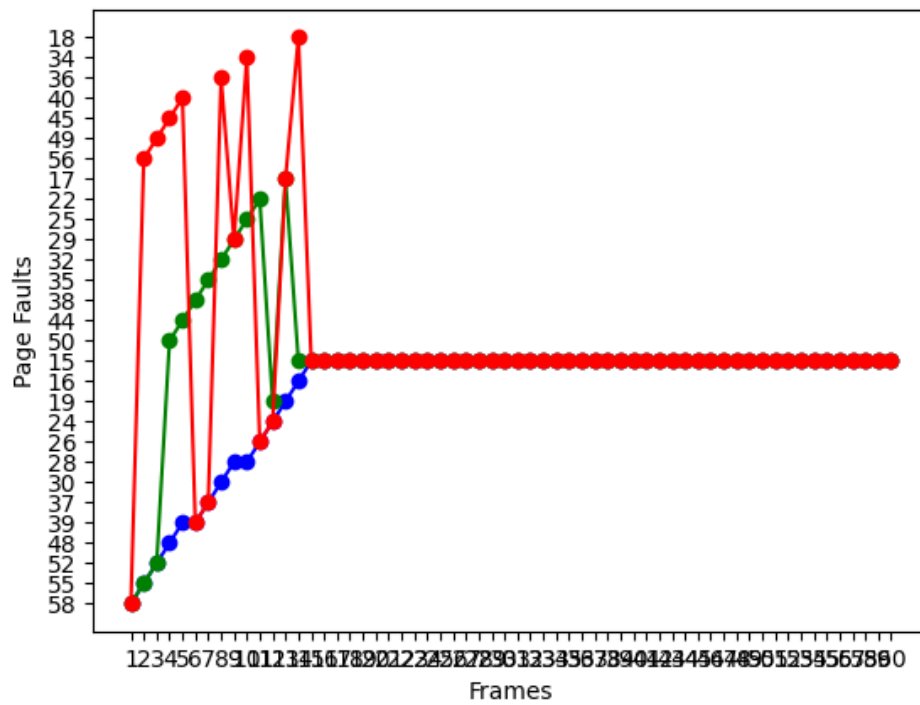
1. Parameter: Pages: 60, Blocks: 60



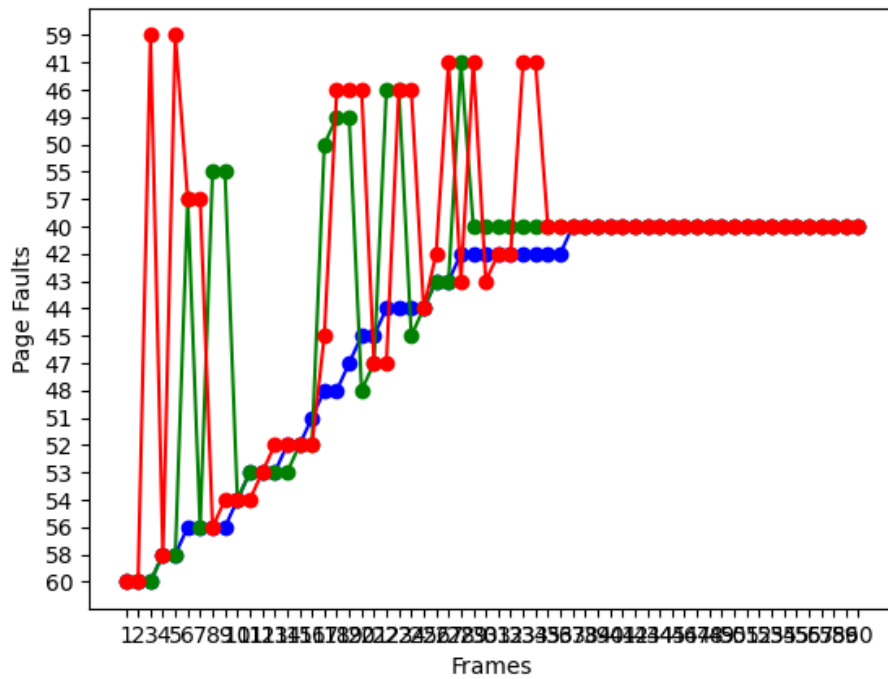
2. Parameters: Pages: 7, Blocks: 60



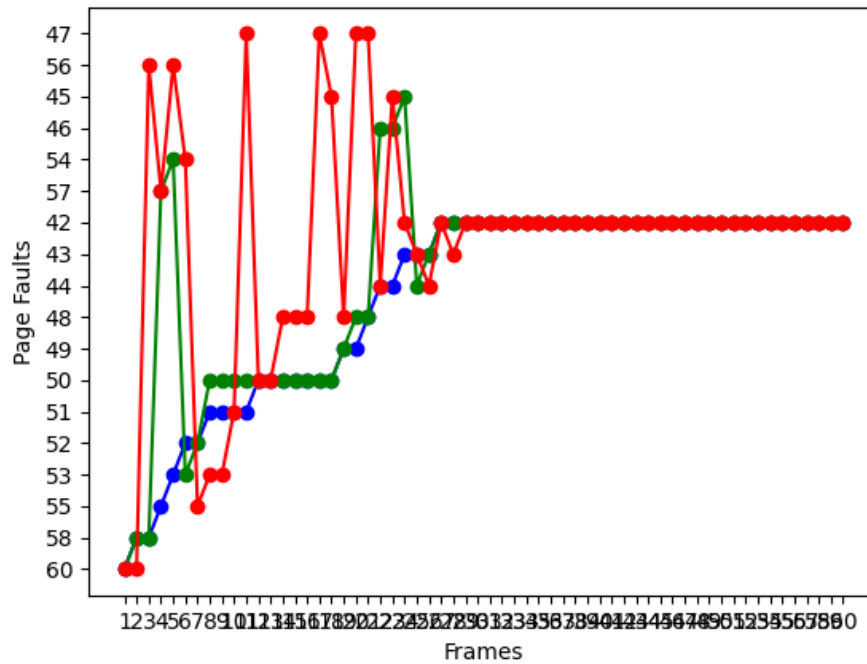
3. Parameters: Pages: 15, Blocks: 60



4. Parameters: Pages: 40, Blocks: 60



5. Parameters: Pages: 45, Blocks: 60



Observations and Conclusion:

I have plotted the Number of Frames vs. the Number of Page Faults on varying the number of pages for each graph. RANDOM performs sometimes better and sometimes worse as compared to the other two. It performs erratically. The input sequence affects the performance of LRU and FIFO.