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CMSC 412 Operating Systems

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Week 8: Final Project (TEST 2)

**Test Runs of execution of 4 Algorithms with test2 inputs:  
Reference String: 0 1 2 3 4 5 6 7 8 9 0 9 1 8 2 7 3 6 4 5. Physical Frames: N = 5.**

|  |  |  |
| --- | --- | --- |
| **Algorithm** | **Expected Output** | **Pass?** |
| **FIFO** | Total number of faults: 17. Loops back to menu when done. | **YES** |
| Beginning:  Middle:  End: | | |
| **OPT** | Total number of faults: 14. Loops back to menu when done. | **YES** |
| Beginning:  Middle:  End: | | |
| **LRU** | Total number of faults: 17. Loops back to menu when done. | **YES** |
| Beginning:  Middle:  End: | | |
| **LFU** | When there is a tie, the lowest-numbered frame becomes victim. Total number of faults: 20. Loops back to menu when done. | **YES** |
| Beginning:  Middle:  End: | | |