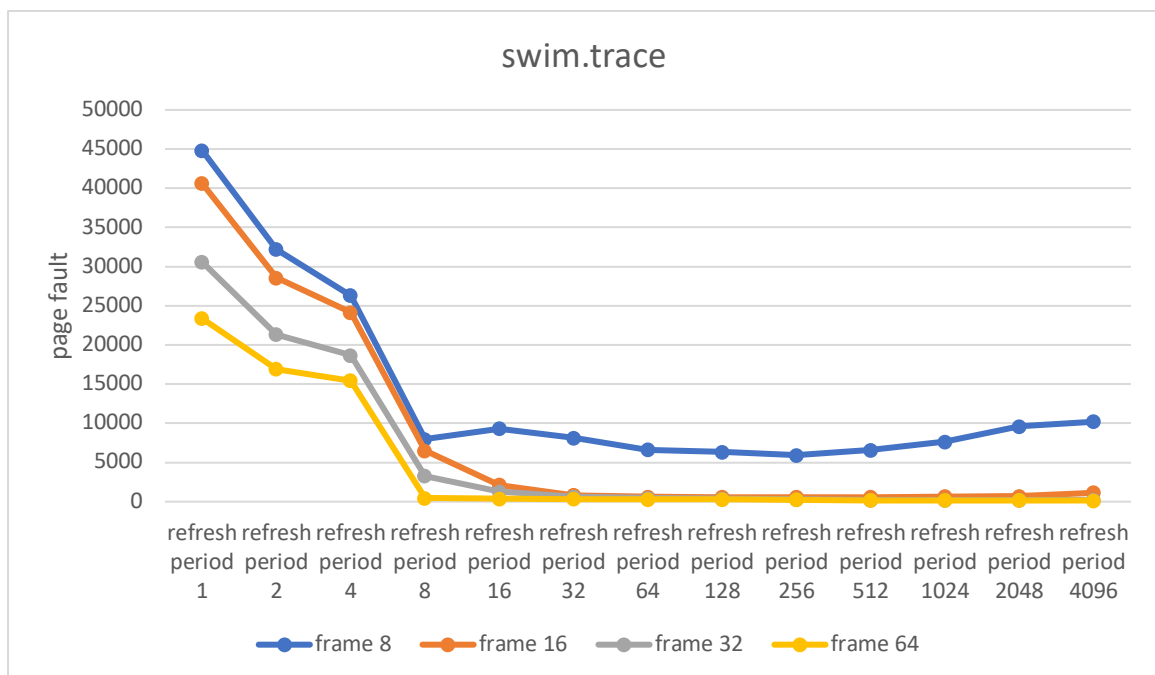
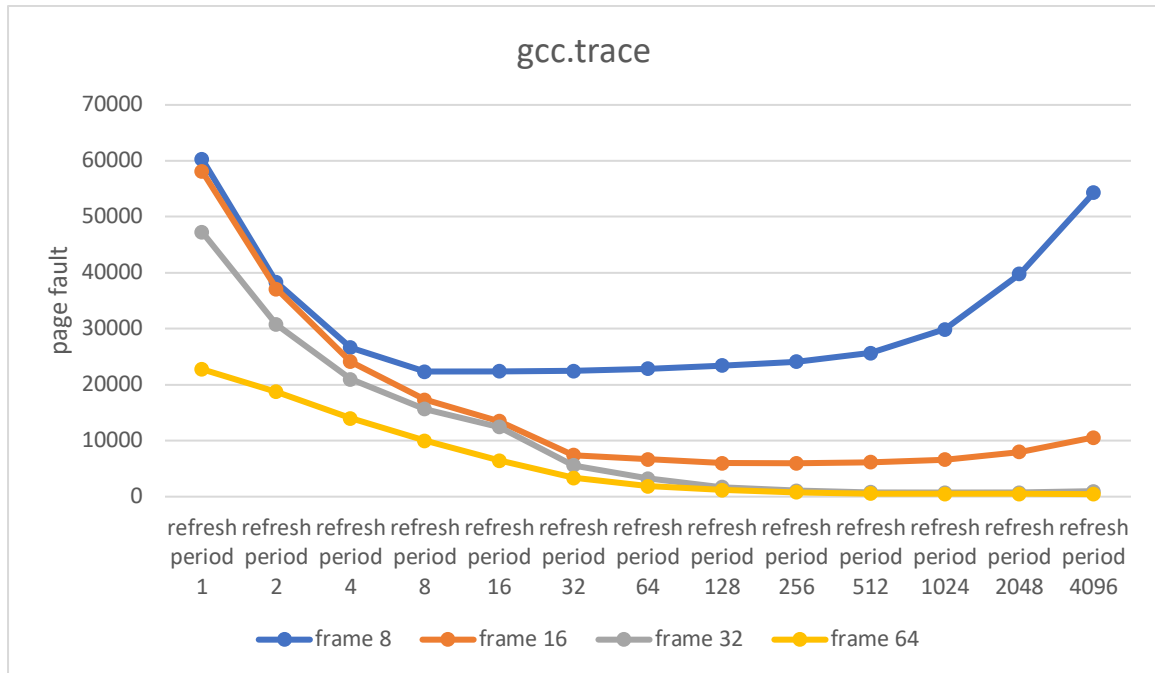
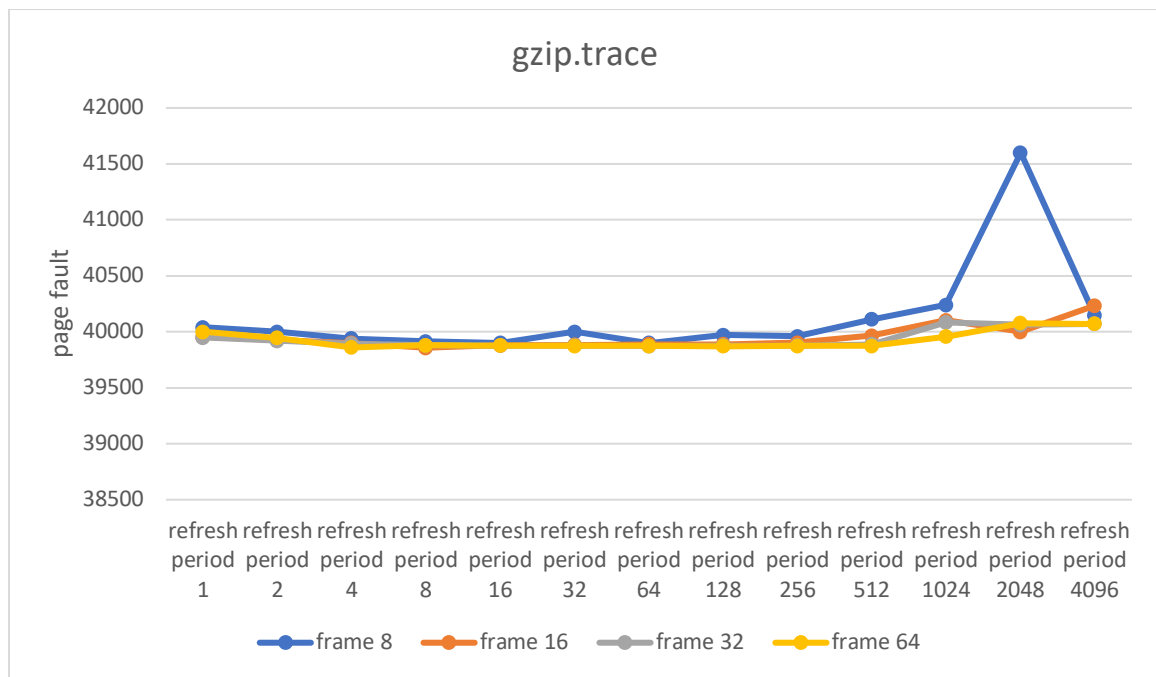


Optimal Refresh Parameter Writeup

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CS 1550
Project 3
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For aging algorithm, I tested with 3 test files under 4 different frame numbers (8, 16, 32, and 64). The plot graphs are shown below:





For the graph of gzip and swim, the page faults appear smoothly between -r 8 and -r 1024. For the graph of gcc.trace, from -r 64 to -r 512 are reasonable choices for me. Personally, I choose -r 256 as the optimal fresh rate because it has relatively lower page faults for all three test files.