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ECE497
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Homework 7

Implementation	Max	Min	Average	% CPU
Python Interrupts	~1800us	~300us	~900us	20-30%
Mmap GPIO	~2.5us	~0.2us	~0.7us	100%
Kernel Driver	~600us	~250us	~300us	15-20%

Looking at the results we can see that from fastest to slowest we have: python, kernel driver, and mmap GPIO. I knew the python solution had to be the slowest. However, I figured that because it was operating at a lower level the kernel driver would be much faster than the mmap GPIO. I see now that the because the mmap GPIO basically continuously polls the system and utilizes all of the system resources it will inevitably be faster (albeit a hog at the same time).