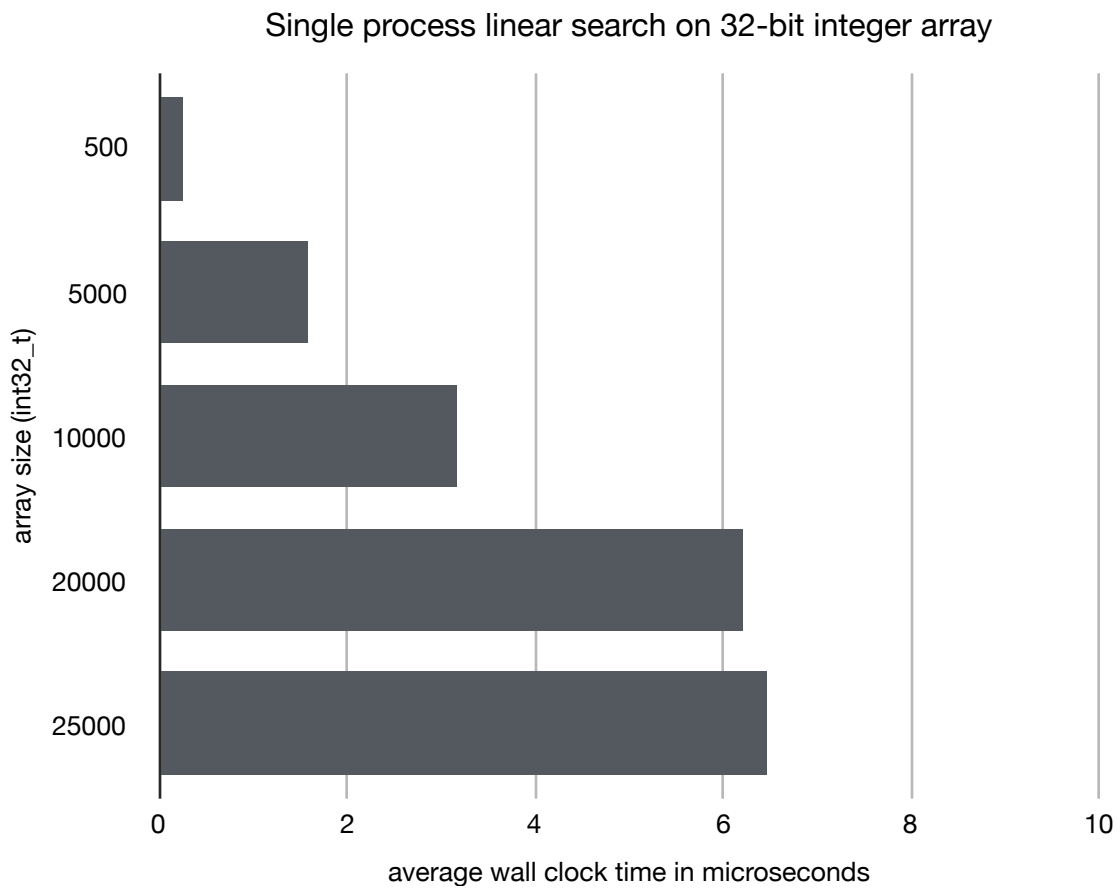


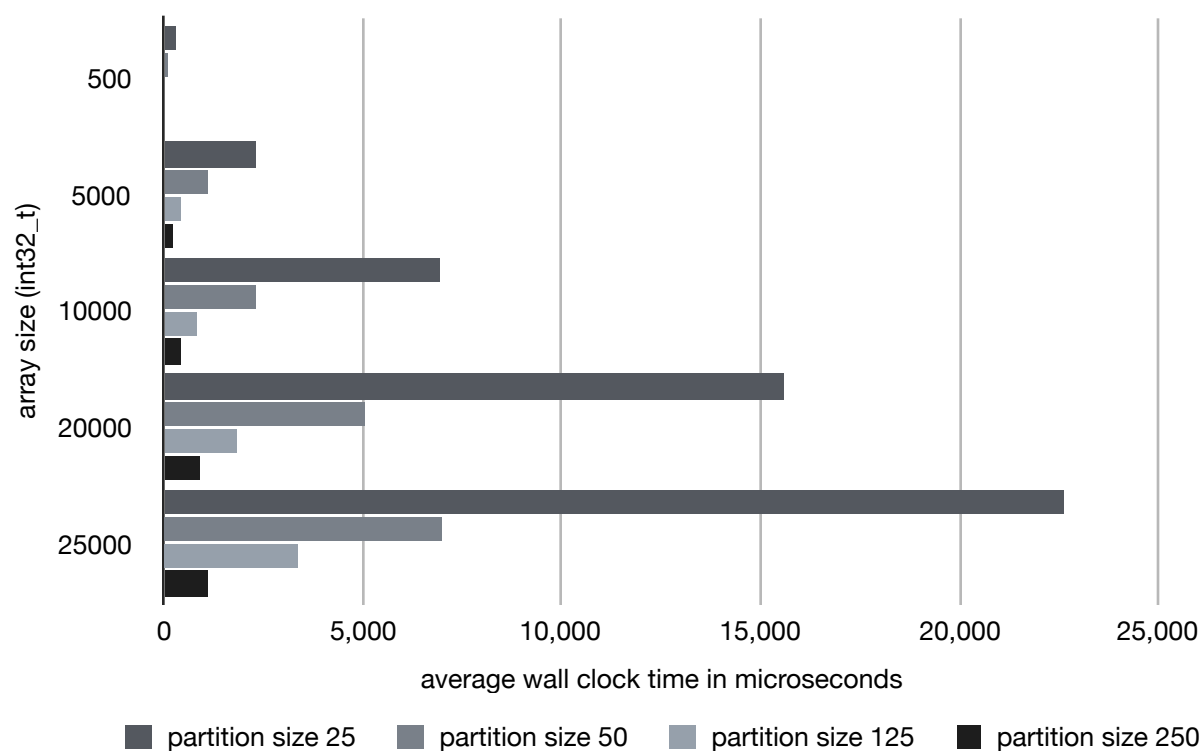
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01:198:214:04 Systems Programming  
Fall 2019  
Professor John-Austen Francisco

#### Linear search results

I've found that sometimes, a single process may just fine for certain tasks. Generally, threads can be up to twice as fast as processes. As the array approached the 25000 element mark, with equivalent partition sizes...the speeds begin to even out between processes and threads.



Multiprocess linear search on a 32-bit integer array



Multithread linear search on a 32-bit integer array

