

Friday, April 22

Name _____

Email _____

6.035 Spring 2016

Miniquiz #27

5 Minutes

Let the computation consist of two functions, one that can be parallelized and one that has to execute sequentially.

If the parallelizable function consumes 90% of the execution time and the sequential consumes the remaining 10%, what is the maximum speedup on a CPU with unlimited number of parallel cores?