**EE451 PA1**

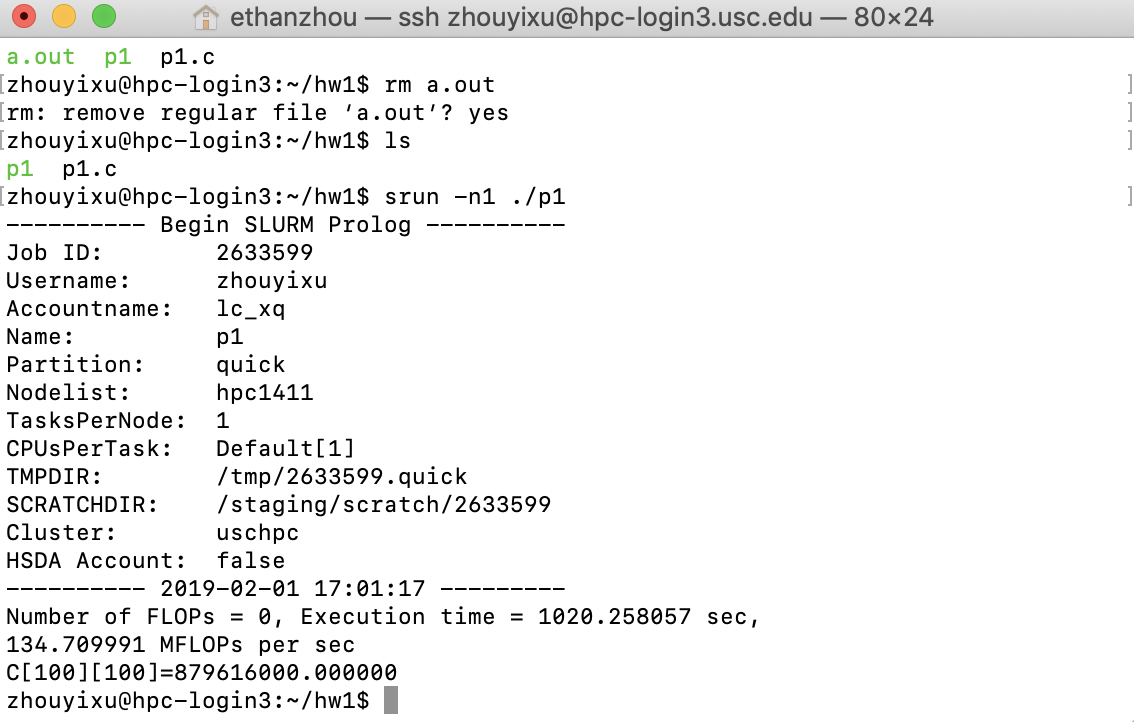
Yixuan Zhou

**P1a:**

Compile and run:

gcc -o problem1a.c problem1a

sun -n1 problem1a



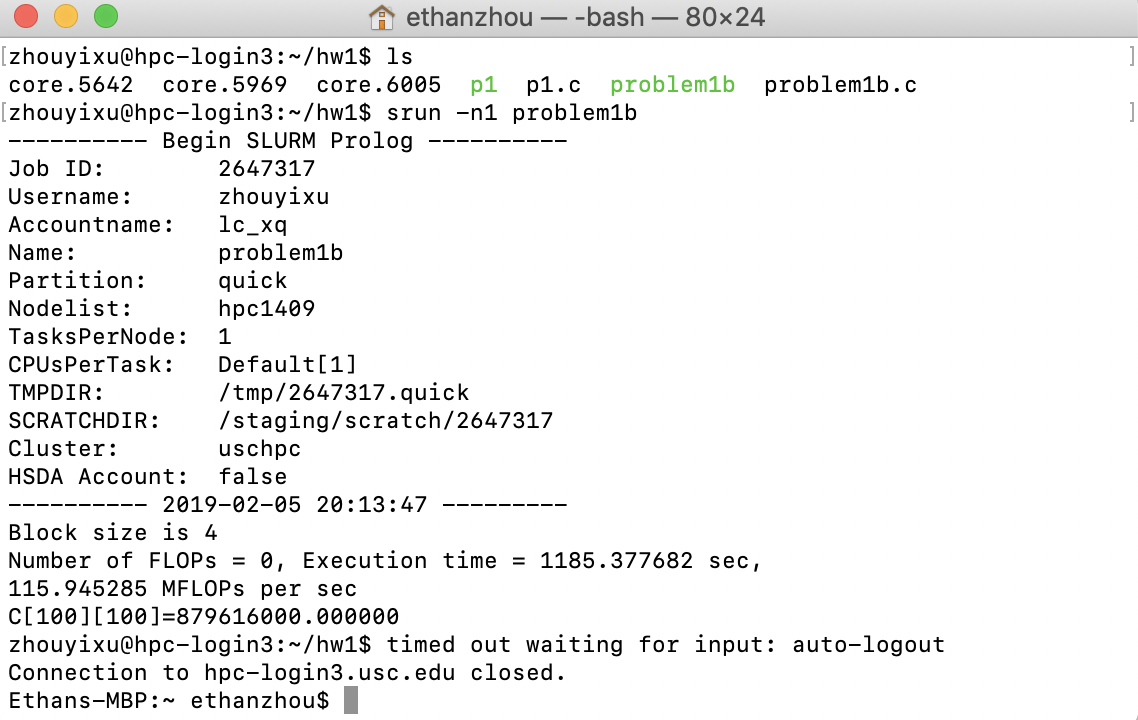
**P1b:**

Compile and run:

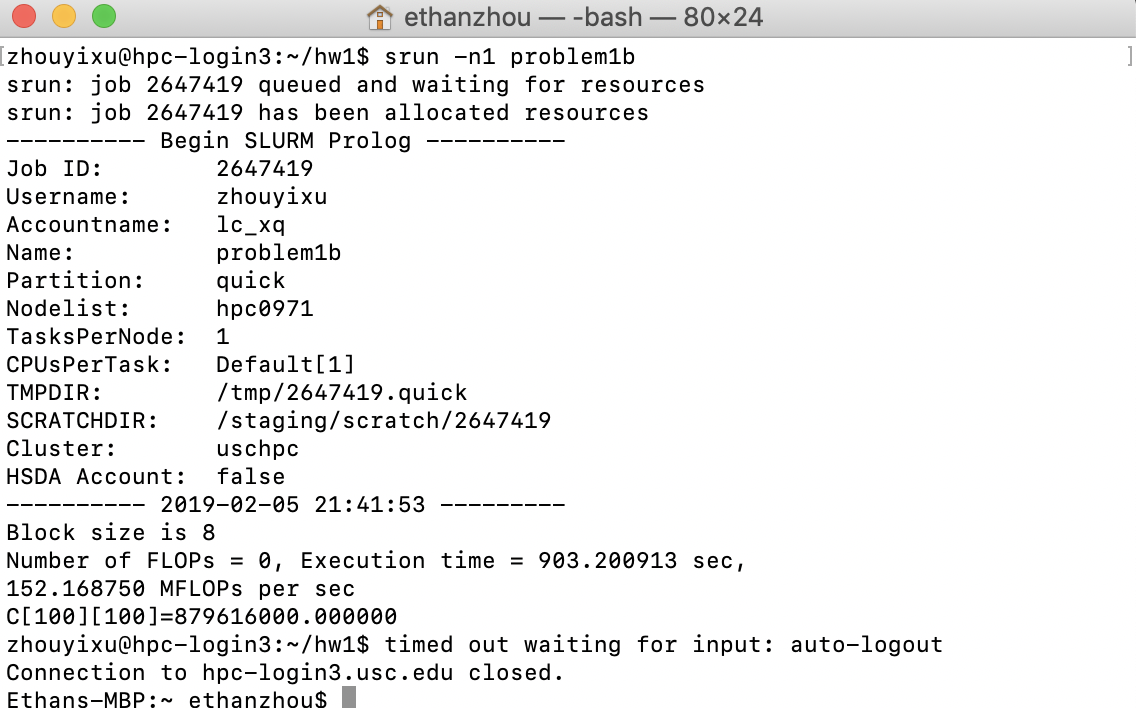
gcc -o problem1b.c problem1b

srun -n1 problem1b

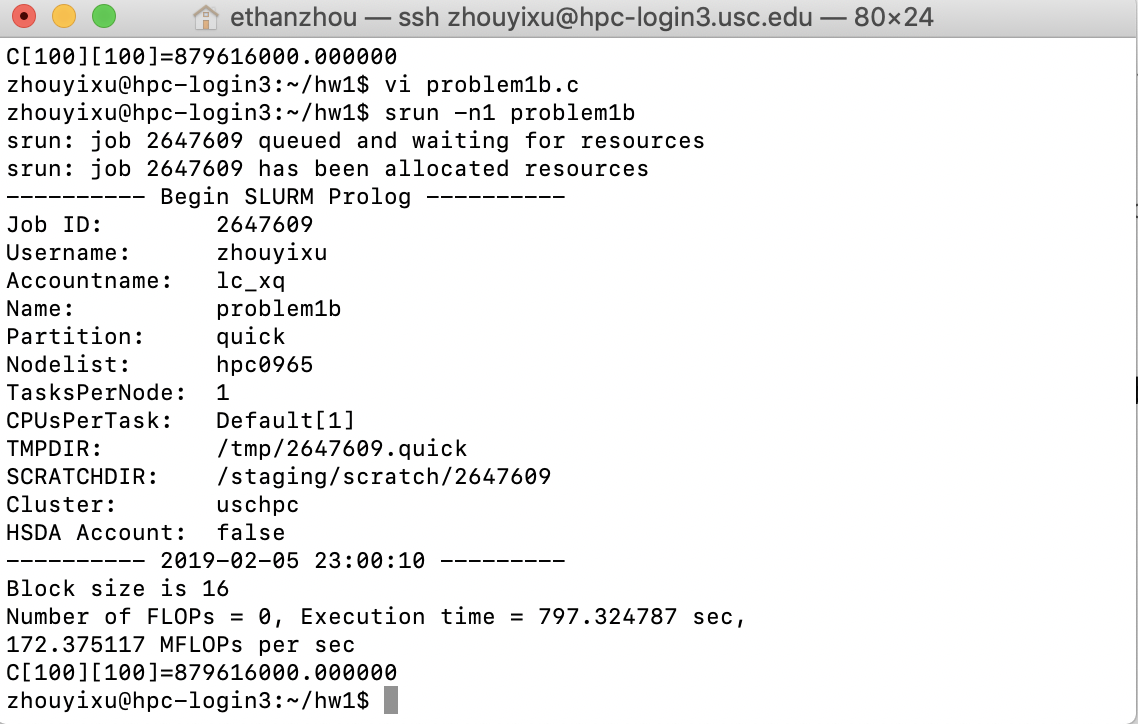
Block Size is 4:



Block Size is 8:



Block size is 16:



We can observe that the speed increases with larger block size!