

Parallel: lock in the for loop during create the thread and let each thread run the do_work function	<p>Thread Execution Times:</p> <p>Thread 1: 117 ms Thread 2: 159 ms Thread 3: 117 ms Thread 4: 137 ms</p> <p>Total balance: 104330 Total execution time future: 530 Average execution time: 132</p>	
Parallel: use the lock in the do_wrok function.	<p>Thread Execution Times:</p> <p>Thread 1: 980 ms Thread 2: 719 ms Thread 3: 278 ms Thread 4: 854 ms</p> <p>Total balance: 104328 Total execution time future: 2831 Average execution time: 707</p>	<p>Thread Execution Times:</p> <p>Thread 1: 413 ms Thread 2: 630 ms Thread 3: 269 ms Thread 4: 750 ms</p> <p>Total balance: 104334 Total execution time future: 2062 Average execution time: 515</p>
Sequential : not use the thread and lock in the do_work function, just use the for loop to go through each account	<p>Total balance: 100503 Total execution time: 126 ms</p>	
Sequential: use only one thread to work through the whole do_work funciton	<p>Sequential Execution Time: 124 ms Total balance: 100242</p>	