Project 0 Writeup
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1. Machine: MacBook Pro, i5, 2 cores

2. Performance: ARRAYSIZE = 104857600, NUMTRIES = 200

```
Using 1 threads
   Peak Performance =  1161.02 MegaMults/Sec
Average Performance =  1088.35 MegaMults/Sec
```

```
Using 4 threads
   Peak Performance =  1232.42 MegaMults/Sec
Average Performance =  1141.66 MegaMults/Sec
```

3. Speedup using averages = 1088.35 / 1141.66 = 0.95

4. The relatively small gain in performance suggests that the time it takes to perform the multiplications is small enough that one thread can do it all almost as fast as four can divide and conquer it.

5. Fp = (4/3) * (1 - (1/S)) = 0.07