```
kyle@:HW1$ g++ -Wall -fopenmp -o problem2 problem2.cpp -std=c++11
kyle@:HW1$ ./problem2
Averages over 20 runs
No OMP : 0.42785207285000
    : 0.08613197525000
OMP
No Reduc : 0.08767377775000
kyle@:HW1$
```