Here we see that with the optimized program the difference between the system is negligible; while the user and real are much more substantial. Running with the option -03 optimizes our program to run much more quickly than without.

```
[gnb4@login-teer-02 [production] ~/Fall17/Assignments/HW1 $ time ./myProgramOpt
C[111][392]=-1801792042

real    0m0.338s
user    0m0.320s
sys     0m0.001s
[gnb4@login-teer-02 [production] ~/Fall17/Assignments/HW1 $ time ./myProgramUnopt
C[111][392]=-1801792042

real    0m0.817s
user    0m0.789s
sys     0m0.003s
gnb4@login-teer-02 [production] ~/Fall17/Assignments/HW1 $
```