

```
willem@willem-QEMU-Virtual-Machine:~/Documents/OS$ gcc -pthread -o lab7 lab7.c
willem@willem-QEMU-Virtual-Machine:~/Documents/OS$ ./lab7
Starting Monte Carlo simulation with 4 threads, 250000 points per thread...
Total points: 1000000
Points inside circle: 785062
Estimated value of pi: 3.140248
willem@willem-QEMU-Virtual-Machine:~/Documents/OS$ ./lab7
Starting Monte Carlo simulation with 4 threads, 250000 points per thread...
Total points: 1000000
Points inside circle: 785854
Estimated value of pi: 3.143416
willem@willem-QEMU-Virtual-Machine:~/Documents/OS$
```