

Lab 7 Results

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diegoros@diegoros-VMware-Virtual-Platform: ~/CS6233/assignments/lab7/dr3432_lab7$ make
gcc -o lab7 lab7.c -pthread
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$ ./lab7 49
For 49 students, Monte Carlo simulation estimated probability of shared birthday is: 0.965200
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$ ./lab7 23
For 23 students, Monte Carlo simulation estimated probability of shared birthday is: 0.503525
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$ ./lab7 41
For 41 students, Monte Carlo simulation estimated probability of shared birthday is: 0.904125
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$ ./lab7 128
For 128 students, Monte Carlo simulation estimated probability of shared birthday is: 1.000000
diegoros@diegoros-VMware-Virtual-Platform:~/CS6233/assignments/lab7/dr3432_lab7$
```