For Your Information :-

1. The command to change your password is "passwd" - use it regularly.

2. Your use of this computer system is subject to the University's

policy on Use of Computer Systems, to which all account owners have

already agreed. See http://campus.leeds.ac.uk/isms for details.

3. Please report any problems via

https://intranet.engineering.leeds.ac.uk/it/help/

You will be issued with a request ticket via email.

There may be people using this system remotely - please do

not power it off without authorisation from Faculty IT staff.

[ml16m6y@comp-pc6067 ml16m6y]$ cd Downloads

[ml16m6y@comp-pc6067 Downloads]$ module add anaconda3/4.4.0

[ml16m6y@comp-pc6067 Downloads]$ python schooling\_self\_2.0.py idle

Testing average cycles for selfish strength 2.0

Number of cycles run: 14177

Number of cycles run: 1389

Number of cycles run: 4274

Number of cycles run: 16424

Number of cycles run: 12911

Number of cycles run: 986

Number of cycles run: 12316

Number of cycles run: 3173

Number of cycles run: 11629

Number of cycles run: 39898

Number of cycles run: 11280

Number of cycles run: 8616

Number of cycles run: 50000

Number of cycles run: 578

Number of cycles run: 10942

Number of cycles run: 6631

Number of cycles run: 9760

Number of cycles run: 1476

Number of cycles run: 5465

Number of cycles run: 8589

Number of cycles run: 11145

Number of cycles run: 528

Number of cycles run: 50000

Number of cycles run: 22049

Number of cycles run: 6449

Number of cycles run: 50000

Number of cycles run: 660

Number of cycles run: 3514

Number of cycles run: 8211

Number of cycles run: 478

Number of cycles run: 18698

Number of cycles run: 3637

Number of cycles run: 50000

Number of cycles run: 5138

Number of cycles run: 14416

Number of cycles run: 14528

Number of cycles run: 7075

Number of cycles run: 10030

Number of cycles run: 5949

Number of cycles run: 28677

Number of cycles run: 12976

Number of cycles run: 14506

Number of cycles run: 16155

Number of cycles run: 492

Number of cycles run: 1700

Number of cycles run: 8166

Number of cycles run: 36683

Number of cycles run: 3264

Number of cycles run: 1743

Number of cycles run: 40134

Av cycles for selfish strength 2.0 is 13550

standard diviation is 14401.2238018

Testing average cycles for selfish strength 2.0

Number of cycles run: 7374

Number of cycles run: 4856

Number of cycles run: 10482

Number of cycles run: 6205

Number of cycles run: 50000

Number of cycles run: 3535

Number of cycles run: 14304

Number of cycles run: 9197

Number of cycles run: 567

Number of cycles run: 12639

Number of cycles run: 13444

Number of cycles run: 6715

Number of cycles run: 2133

Number of cycles run: 762

Number of cycles run: 12246

Number of cycles run: 10194

Number of cycles run: 4689

Number of cycles run: 1473

Number of cycles run: 2411

Number of cycles run: 6090

Number of cycles run: 12131

Number of cycles run: 13705

Number of cycles run: 50000

Number of cycles run: 16199

Number of cycles run: 50000

Number of cycles run: 31382

Number of cycles run: 50000

Number of cycles run: 45378

Number of cycles run: 13634

Number of cycles run: 10753

Number of cycles run: 7571

Number of cycles run: 8929

Number of cycles run: 50000

Number of cycles run: 13283

Number of cycles run: 3706

Number of cycles run: 9649

Number of cycles run: 50000

Number of cycles run: 4910

Number of cycles run: 4009

Number of cycles run: 14922

Number of cycles run: 12735

Number of cycles run: 608

Number of cycles run: 1026

Number of cycles run: 557

Number of cycles run: 7222

Number of cycles run: 45075

Number of cycles run: 9279

Number of cycles run: 7924

Number of cycles run: 12245

Number of cycles run: 18603

Av cycles for selfish strength 2.0 is 15095

standard diviation is 15885.9459804

Testing average cycles for selfish strength 2.0

Number of cycles run: 1689

Number of cycles run: 50000

Number of cycles run: 20218

Number of cycles run: 23193

Number of cycles run: 7462

Number of cycles run: 7735

Number of cycles run: 27227

Number of cycles run: 45473

Number of cycles run: 8029

Number of cycles run: 9021

Number of cycles run: 3643

Number of cycles run: 4531

Number of cycles run: 45913

Number of cycles run: 847

Number of cycles run: 620

Number of cycles run: 21012

Number of cycles run: 8089

Number of cycles run: 8922

Number of cycles run: 13672

Number of cycles run: 4504

Number of cycles run: 6853

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 5744

Number of cycles run: 12042

Number of cycles run: 50000

Number of cycles run: 819

Number of cycles run: 11184

Number of cycles run: 50000

Number of cycles run: 15031

Number of cycles run: 3336

Number of cycles run: 8502

Number of cycles run: 13353

Number of cycles run: 783

Number of cycles run: 50000

Number of cycles run: 11227

Number of cycles run: 728

Number of cycles run: 20263

Number of cycles run: 10015

Number of cycles run: 4450

Number of cycles run: 15276

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 8022

Number of cycles run: 484

Number of cycles run: 22343

Number of cycles run: 2361

Number of cycles run: 7110

Number of cycles run: 16052

Av cycles for selfish strength 2.0 is 18155

standard diviation is 17832.9106878

Testing average cycles for selfish strength 2.0

Number of cycles run: 5110

Number of cycles run: 9816

Number of cycles run: 50000

Number of cycles run: 602

Number of cycles run: 9671

Number of cycles run: 18579

Number of cycles run: 11814

Number of cycles run: 50000

Number of cycles run: 7316

Number of cycles run: 50000

Number of cycles run: 5293

Number of cycles run: 519

Number of cycles run: 13358

Number of cycles run: 6846

Number of cycles run: 50000

Number of cycles run: 17590

Number of cycles run: 16177

Number of cycles run: 1019

Number of cycles run: 50000

Number of cycles run: 7379

Number of cycles run: 3013

Number of cycles run: 10239

Number of cycles run: 50000

Number of cycles run: 8299

Number of cycles run: 50000

Number of cycles run: 2694

Number of cycles run: 17725

Number of cycles run: 20487

Number of cycles run: 35200

Number of cycles run: 621

Number of cycles run: 50000

Number of cycles run: 10105

Number of cycles run: 531

Number of cycles run: 521

Number of cycles run: 8615

Number of cycles run: 4201

Number of cycles run: 50000

Number of cycles run: 9030

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 6810

Number of cycles run: 24415

Number of cycles run: 5047

Number of cycles run: 1410

Number of cycles run: 50000

Number of cycles run: 5026

Number of cycles run: 1790

Number of cycles run: 10434

Number of cycles run: 7236

Number of cycles run: 1220

Av cycles for selfish strength 2.0 is 18515

standard diviation is 19056.7358603

Testing average cycles for selfish strength 2.0  
Number of cycles run: 12194  
Number of cycles run: 1899  
Number of cycles run: 7437  
Number of cycles run: 50000  
Number of cycles run: 26185  
Number of cycles run: 10828  
Number of cycles run: 2940  
Number of cycles run: 17041  
Number of cycles run: 12025  
Number of cycles run: 13680  
Number of cycles run: 50000  
Number of cycles run: 13468  
Number of cycles run: 8632  
Number of cycles run: 50000  
Number of cycles run: 1147  
Number of cycles run: 50000  
Number of cycles run: 11572  
Number of cycles run: 50000  
Number of cycles run: 3225  
Number of cycles run: 15077  
Number of cycles run: 15533  
Number of cycles run: 1409  
Number of cycles run: 13584  
Number of cycles run: 487  
Number of cycles run: 5231  
Number of cycles run: 11149  
Number of cycles run: 11499  
Number of cycles run: 9622  
Number of cycles run: 8516  
Number of cycles run: 5381  
Number of cycles run: 8543  
Number of cycles run: 6640  
Number of cycles run: 45498  
Number of cycles run: 18256  
Number of cycles run: 8709  
Number of cycles run: 10136  
Number of cycles run: 6712  
Number of cycles run: 3780  
Number of cycles run: 7902  
Number of cycles run: 6896  
Number of cycles run: 7158  
Number of cycles run: 50000  
Number of cycles run: 14237  
Number of cycles run: 7677  
Number of cycles run: 5184  
Number of cycles run: 7945  
Number of cycles run: 4238  
Number of cycles run: 9135  
Number of cycles run: 10629  
Number of cycles run: 18491  
Av cycles for selfish strength 2.0 is 14950  
standard diviation is 14865.1624814668  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 711  
Number of cycles run: 3573  
Number of cycles run: 6421  
Number of cycles run: 7350  
Number of cycles run: 16704  
Number of cycles run: 47757  
Number of cycles run: 12572  
Number of cycles run: 8887  
Number of cycles run: 11381  
Number of cycles run: 2444  
Number of cycles run: 20736  
Number of cycles run: 17501  
Number of cycles run: 5430  
Number of cycles run: 573  
Number of cycles run: 5670  
Number of cycles run: 590  
Number of cycles run: 8303  
Number of cycles run: 12293  
Number of cycles run: 8752  
Number of cycles run: 23149  
Number of cycles run: 18487  
Number of cycles run: 16545  
Number of cycles run: 4648  
Number of cycles run: 30232  
Number of cycles run: 10677  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 8429  
Number of cycles run: 10269  
Number of cycles run: 7696  
Number of cycles run: 50000  
Number of cycles run: 8133  
Number of cycles run: 3570  
Number of cycles run: 8335  
Number of cycles run: 20809  
Number of cycles run: 50000  
Number of cycles run: 1372  
Number of cycles run: 17355  
Number of cycles run: 6719  
Number of cycles run: 25723  
Number of cycles run: 7233  
Number of cycles run: 10347  
Number of cycles run: 25457  
Number of cycles run: 19928  
Number of cycles run: 50000  
Number of cycles run: 9010  
Number of cycles run: 50000  
Number of cycles run: 1083  
Number of cycles run: 50000  
Number of cycles run: 22858  
Av cycles for selfish strength 2.0 is 17314  
standard diviation is 15961.856192965088  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 1439  
Number of cycles run: 1375  
Number of cycles run: 18011  
Number of cycles run: 9794  
Number of cycles run: 50000  
Number of cycles run: 8761  
Number of cycles run: 44288  
Number of cycles run: 6408  
Number of cycles run: 1133  
Number of cycles run: 50000  
Number of cycles run: 485  
Number of cycles run: 9917  
Number of cycles run: 555  
Number of cycles run: 5774  
Number of cycles run: 11727  
Number of cycles run: 30658  
Number of cycles run: 3055  
Number of cycles run: 15790  
Number of cycles run: 21561  
Number of cycles run: 3376  
Number of cycles run: 11048  
Number of cycles run: 9906  
Number of cycles run: 50000  
Number of cycles run: 16762  
Number of cycles run: 819  
Number of cycles run: 11593  
Number of cycles run: 9617  
Number of cycles run: 21940  
Number of cycles run: 44727  
Number of cycles run: 10756  
Number of cycles run: 17087  
Number of cycles run: 9373  
Number of cycles run: 10154  
Number of cycles run: 14749  
Number of cycles run: 38018  
Number of cycles run: 10922  
Number of cycles run: 50000  
Number of cycles run: 2973  
Number of cycles run: 15109  
Number of cycles run: 50000  
Number of cycles run: 15922  
Number of cycles run: 9914  
Number of cycles run: 10648  
Number of cycles run: 4176  
Number of cycles run: 6167  
Number of cycles run: 13486  
Number of cycles run: 13683  
Number of cycles run: 2583  
Number of cycles run: 9093  
Number of cycles run: 10841  
Av cycles for selfish strength 2.0 is 15923  
standard diviation is 15116.353400573182  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 8996  
Number of cycles run: 1265  
Number of cycles run: 50000  
Number of cycles run: 35185  
Number of cycles run: 1328  
Number of cycles run: 50000  
Number of cycles run: 1795  
Number of cycles run: 9934  
Number of cycles run: 50000  
Number of cycles run: 10597  
Number of cycles run: 3022  
Number of cycles run: 6516  
Number of cycles run: 7600  
Number of cycles run: 2747  
Number of cycles run: 7376  
Number of cycles run: 5014  
Number of cycles run: 13686  
Number of cycles run: 12442  
Number of cycles run: 3953  
Number of cycles run: 6230  
Number of cycles run: 44187  
Number of cycles run: 16519  
Number of cycles run: 9394  
Number of cycles run: 27743  
Number of cycles run: 5206  
Number of cycles run: 751  
Number of cycles run: 6537  
Number of cycles run: 3402  
Number of cycles run: 3364  
Number of cycles run: 6525  
Number of cycles run: 1498  
Number of cycles run: 10570  
Number of cycles run: 3051  
Number of cycles run: 50000  
Number of cycles run: 8077  
Number of cycles run: 5954  
Number of cycles run: 4331  
Number of cycles run: 50000  
Number of cycles run: 6076  
Number of cycles run: 9469  
Number of cycles run: 585  
Number of cycles run: 1155  
Number of cycles run: 50000  
Number of cycles run: 49264  
Number of cycles run: 10329  
Number of cycles run: 11668  
Number of cycles run: 50000  
Number of cycles run: 7862  
Number of cycles run: 1367  
Number of cycles run: 3536  
Av cycles for selfish strength 2.0 is 14922  
standard diviation is 17398.1440479103  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 13412  
Number of cycles run: 21280  
Number of cycles run: 12298  
Number of cycles run: 2614  
Number of cycles run: 8458  
Number of cycles run: 10270  
Number of cycles run: 11608  
Number of cycles run: 9578  
Number of cycles run: 50000  
Number of cycles run: 8727  
Number of cycles run: 7327  
Number of cycles run: 4282  
Number of cycles run: 4392  
Number of cycles run: 7882  
Number of cycles run: 14028  
Number of cycles run: 41555  
Number of cycles run: 15630  
Number of cycles run: 23767  
Number of cycles run: 23116  
Number of cycles run: 4347  
Number of cycles run: 8074  
Number of cycles run: 10633  
Number of cycles run: 10234  
Number of cycles run: 10325  
Number of cycles run: 3740  
Number of cycles run: 633  
Number of cycles run: 4040  
Number of cycles run: 7304  
Number of cycles run: 26458  
Number of cycles run: 8824  
Number of cycles run: 501  
Number of cycles run: 8928  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 4754  
Number of cycles run: 1198  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 38746  
Number of cycles run: 6878  
Number of cycles run: 12634  
Number of cycles run: 12919  
Number of cycles run: 19766  
Number of cycles run: 17782  
Number of cycles run: 8531  
Number of cycles run: 50000  
Number of cycles run: 11831  
Number of cycles run: 28348  
Number of cycles run: 7798  
Number of cycles run: 50000  
Av cycles for selfish strength 2.0 is 17309  
standard diviation is 15807.838963434488