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\_3.0.py idle

Testing average cycles for selfish strength 3.0

Number of cycles run: 43330

Number of cycles run: 50000

Number of cycles run: 1221

Number of cycles run: 1804

Number of cycles run: 785

Number of cycles run: 12219

Number of cycles run: 9569

Number of cycles run: 8071

Number of cycles run: 1136

Number of cycles run: 14385

Number of cycles run: 12571

Number of cycles run: 6178

Number of cycles run: 1307

Number of cycles run: 4297

Number of cycles run: 36508

Number of cycles run: 5157

Number of cycles run: 4969

Number of cycles run: 18418

Number of cycles run: 5082

Number of cycles run: 6948

Number of cycles run: 23071

Number of cycles run: 7502

Number of cycles run: 5016

Number of cycles run: 32046

Number of cycles run: 8924

Number of cycles run: 2005

Number of cycles run: 3194

Number of cycles run: 8980

Number of cycles run: 1126

Number of cycles run: 36504

Number of cycles run: 12120

Number of cycles run: 4072

Number of cycles run: 648

Number of cycles run: 8546

Number of cycles run: 6691

Number of cycles run: 12047

Number of cycles run: 18018

Number of cycles run: 19109

Number of cycles run: 12840

Number of cycles run: 8137

Number of cycles run: 10965

Number of cycles run: 10488

Number of cycles run: 13402

Number of cycles run: 10855

Number of cycles run: 50000

Number of cycles run: 5388

Number of cycles run: 9232

Number of cycles run: 35070

Number of cycles run: 9029

Number of cycles run: 12074

Av cycles for selfish strength 3.0 is 12821

standard diviation is 12606.8558071

Testing average cycles for selfish strength 3.0

Number of cycles run: 701

Number of cycles run: 526

Number of cycles run: 12954

Number of cycles run: 7209

Number of cycles run: 50000

Number of cycles run: 5797

Number of cycles run: 6852

Number of cycles run: 7516

Number of cycles run: 9022

Number of cycles run: 553

Number of cycles run: 1593

Number of cycles run: 2372

Number of cycles run: 17069

Number of cycles run: 11436

Number of cycles run: 4165

Number of cycles run: 469

Number of cycles run: 17950

Number of cycles run: 5192

Number of cycles run: 9965

Number of cycles run: 1463

Number of cycles run: 11484

Number of cycles run: 5171

Number of cycles run: 50000

Number of cycles run: 1198

Number of cycles run: 7632

Number of cycles run: 570

Number of cycles run: 8652

Number of cycles run: 7864

Number of cycles run: 20011

Number of cycles run: 9261

Number of cycles run: 8966

Number of cycles run: 10799

Number of cycles run: 10876

Number of cycles run: 16212

Number of cycles run: 4183

Number of cycles run: 8341

Number of cycles run: 11716

Number of cycles run: 8629

Number of cycles run: 19136

Number of cycles run: 10934

Number of cycles run: 15461

Number of cycles run: 12230

Number of cycles run: 18666

Number of cycles run: 14679

Number of cycles run: 7801

Number of cycles run: 1487

Number of cycles run: 9007

Number of cycles run: 8179

Number of cycles run: 35573

Number of cycles run: 8488

Av cycles for selfish strength 3.0 is 10720

standard diviation is 10397.1102559

Testing average cycles for selfish strength 3.0

Number of cycles run: 11196

Number of cycles run: 50000

Number of cycles run: 10324

Number of cycles run: 46113

Number of cycles run: 50000

Number of cycles run: 8026

Number of cycles run: 17565

Number of cycles run: 10899

Number of cycles run: 50000

Number of cycles run: 11757

Number of cycles run: 4750

Number of cycles run: 505

Number of cycles run: 6004

Number of cycles run: 7388

Number of cycles run: 3614

Number of cycles run: 17839

Number of cycles run: 3579

Number of cycles run: 11972

Number of cycles run: 2372

Number of cycles run: 10366

Number of cycles run: 13703

Number of cycles run: 9760

Number of cycles run: 50000

Number of cycles run: 756

Number of cycles run: 7649

Number of cycles run: 7411

Number of cycles run: 3718

Number of cycles run: 10158

Number of cycles run: 2216

Number of cycles run: 15018

Number of cycles run: 1871

Number of cycles run: 971

Number of cycles run: 4837

Number of cycles run: 15657

Number of cycles run: 50000

Number of cycles run: 16446

Number of cycles run: 12005

Number of cycles run: 9021

Number of cycles run: 50000

Number of cycles run: 7873

Number of cycles run: 15901

Number of cycles run: 514

Number of cycles run: 1026

Number of cycles run: 550

Number of cycles run: 1068

Number of cycles run: 20574

Number of cycles run: 4470

Number of cycles run: 50000

Number of cycles run: 9821

Number of cycles run: 50000

Av cycles for selfish strength 3.0 is 15545

standard diviation is 16897.2027727

Testing average cycles for selfish strength 3.0

Number of cycles run: 665

Number of cycles run: 1827

Number of cycles run: 543

Number of cycles run: 17921

Number of cycles run: 50000

Number of cycles run: 17946

Number of cycles run: 50000

Number of cycles run: 28374

Number of cycles run: 8807

Number of cycles run: 16530

Number of cycles run: 5652

Number of cycles run: 4397

Number of cycles run: 4959

Number of cycles run: 21992

Number of cycles run: 7641

Number of cycles run: 2186

Number of cycles run: 11909

Number of cycles run: 983

Number of cycles run: 4048

Number of cycles run: 26034

Number of cycles run: 4503

Number of cycles run: 7647

Number of cycles run: 4232

Number of cycles run: 2383

Number of cycles run: 50000

Number of cycles run: 8045

Number of cycles run: 15485

Number of cycles run: 8058

Number of cycles run: 3368

Number of cycles run: 16305

Number of cycles run: 7373

Number of cycles run: 11648

Number of cycles run: 9354

Number of cycles run: 8395

Number of cycles run: 726

Number of cycles run: 1253

Number of cycles run: 33280

Number of cycles run: 957

Number of cycles run: 7814

Number of cycles run: 12576

Number of cycles run: 2389

Number of cycles run: 6734

Number of cycles run: 10051

Number of cycles run: 1417

Number of cycles run: 16521

Number of cycles run: 4195

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 17134

Number of cycles run: 15670

Av cycles for selfish strength 3.0 is 13398

standard diviation is 14425.9478565

Testing average cycles for selfish strength 3.0

Number of cycles run: 4438

Number of cycles run: 23957

Number of cycles run: 50000

Number of cycles run: 1159

Number of cycles run: 2310

Number of cycles run: 2038

Number of cycles run: 6221

Number of cycles run: 703

Number of cycles run: 10552

Number of cycles run: 5707

Number of cycles run: 8958

Number of cycles run: 30953

Number of cycles run: 50000

Number of cycles run: 13958

Number of cycles run: 32490

Number of cycles run: 2690

Number of cycles run: 2894

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 9487

Number of cycles run: 13142

Number of cycles run: 50000

Number of cycles run: 12837

Number of cycles run: 2125

Number of cycles run: 18245

Number of cycles run: 658

Number of cycles run: 706

Number of cycles run: 6584

Number of cycles run: 15548

Number of cycles run: 505

Number of cycles run: 743

Number of cycles run: 40925

Number of cycles run: 6135

Number of cycles run: 20043

Number of cycles run: 22523

Number of cycles run: 2700

Number of cycles run: 4659

Number of cycles run: 8235

Number of cycles run: 50000

Number of cycles run: 4553

Number of cycles run: 3211

Number of cycles run: 2939

Number of cycles run: 1587

Number of cycles run: 50000

Number of cycles run: 8330

Number of cycles run: 505

Number of cycles run: 10441

Number of cycles run: 11747

Number of cycles run: 3494

Number of cycles run: 553

Av cycles for selfish strength 3.0 is 14643

standard diviation is 16909.9433055

Testing average cycles for selfish strength 3.0  
Number of cycles run: 50000  
Number of cycles run: 11823  
Number of cycles run: 1199  
Number of cycles run: 1278  
Number of cycles run: 6627  
Number of cycles run: 12313  
Number of cycles run: 13329  
Number of cycles run: 8021  
Number of cycles run: 1620  
Number of cycles run: 3981  
Number of cycles run: 45830  
Number of cycles run: 14112  
Number of cycles run: 50000  
Number of cycles run: 44673  
Number of cycles run: 9964  
Number of cycles run: 10828  
Number of cycles run: 6073  
Number of cycles run: 13646  
Number of cycles run: 23473  
Number of cycles run: 50000  
Number of cycles run: 550  
Number of cycles run: 796  
Number of cycles run: 6193  
Number of cycles run: 12995  
Number of cycles run: 50000  
Number of cycles run: 6383  
Number of cycles run: 664  
Number of cycles run: 1528  
Number of cycles run: 9660  
Number of cycles run: 16862  
Number of cycles run: 5593  
Number of cycles run: 10099  
Number of cycles run: 3791  
Number of cycles run: 8394  
Number of cycles run: 6545  
Number of cycles run: 13797  
Number of cycles run: 34898  
Number of cycles run: 747  
Number of cycles run: 15742  
Number of cycles run: 4427  
Number of cycles run: 451  
Number of cycles run: 4118  
Number of cycles run: 3028  
Number of cycles run: 451  
Number of cycles run: 2066  
Number of cycles run: 50000  
Number of cycles run: 9643  
Number of cycles run: 50000  
Number of cycles run: 11010  
Number of cycles run: 4363  
Av cycles for selfish strength 3.0 is 14471  
standard diviation is 16440.17836866344  
Testing average cycles for selfish strength 3.0  
Number of cycles run: 1031  
Number of cycles run: 3338  
Number of cycles run: 21033  
Number of cycles run: 5775  
Number of cycles run: 26744  
Number of cycles run: 1081  
Number of cycles run: 7879  
Number of cycles run: 24825  
Number of cycles run: 6877  
Number of cycles run: 1288  
Number of cycles run: 50000  
Number of cycles run: 7546  
Number of cycles run: 32213  
Number of cycles run: 962  
Number of cycles run: 10179  
Number of cycles run: 12232  
Number of cycles run: 8938  
Number of cycles run: 4388  
Number of cycles run: 29331  
Number of cycles run: 5479  
Number of cycles run: 5406  
Number of cycles run: 11276  
Number of cycles run: 8618  
Number of cycles run: 5830  
Number of cycles run: 9053  
Number of cycles run: 612  
Number of cycles run: 8796  
Number of cycles run: 50000  
Number of cycles run: 6101  
Number of cycles run: 14662  
Number of cycles run: 9983  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 7973  
Number of cycles run: 8766  
Number of cycles run: 962  
Number of cycles run: 827  
Number of cycles run: 35416  
Number of cycles run: 1102  
Number of cycles run: 818  
Number of cycles run: 3435  
Number of cycles run: 8920  
Number of cycles run: 7263  
Number of cycles run: 1511  
Number of cycles run: 50000  
Number of cycles run: 3556  
Number of cycles run: 50000  
Number of cycles run: 7147  
Number of cycles run: 759  
Number of cycles run: 11994  
Av cycles for selfish strength 3.0 is 13838  
standard diviation is 15794.375248156915  
Testing average cycles for selfish strength 3.0  
Number of cycles run: 4517  
Number of cycles run: 10845  
Number of cycles run: 9404  
Number of cycles run: 544  
Number of cycles run: 4550  
Number of cycles run: 35509  
Number of cycles run: 12399  
Number of cycles run: 1674  
Number of cycles run: 11371  
Number of cycles run: 574  
Number of cycles run: 2348  
Number of cycles run: 11364  
Number of cycles run: 484  
Number of cycles run: 11611  
Number of cycles run: 10194  
Number of cycles run: 27906  
Number of cycles run: 18116  
Number of cycles run: 5752  
Number of cycles run: 50000  
Number of cycles run: 11174  
Number of cycles run: 35022  
Number of cycles run: 16240  
Number of cycles run: 7541  
Number of cycles run: 20082  
Number of cycles run: 12556  
Number of cycles run: 12430  
Number of cycles run: 15156  
Number of cycles run: 37973  
Number of cycles run: 50000  
Number of cycles run: 3525  
Number of cycles run: 3772  
Number of cycles run: 2457  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 19869  
Number of cycles run: 50000  
Number of cycles run: 10876  
Number of cycles run: 10249  
Number of cycles run: 6257  
Number of cycles run: 14908  
Number of cycles run: 440  
Number of cycles run: 8520  
Number of cycles run: 11900  
Number of cycles run: 3630  
Number of cycles run: 2194  
Number of cycles run: 50000  
Number of cycles run: 9118  
Number of cycles run: 9706  
Number of cycles run: 9674  
Number of cycles run: 31697  
Av cycles for selfish strength 3.0 is 16122  
standard diviation is 15512.083215351831  
Testing average cycles for selfish strength 3.0  
Number of cycles run: 8578  
Number of cycles run: 13537  
Number of cycles run: 50000  
Number of cycles run: 14440  
Number of cycles run: 2519  
Number of cycles run: 4466  
Number of cycles run: 3469  
Number of cycles run: 9693  
Number of cycles run: 32553  
Number of cycles run: 4657  
Number of cycles run: 14258  
Number of cycles run: 13894  
Number of cycles run: 8874  
Number of cycles run: 7443  
Number of cycles run: 3334  
Number of cycles run: 10022  
Number of cycles run: 10548  
Number of cycles run: 12057  
Number of cycles run: 47788  
Number of cycles run: 31918  
Number of cycles run: 1219  
Number of cycles run: 3101  
Number of cycles run: 11124  
Number of cycles run: 1065  
Number of cycles run: 8888  
Number of cycles run: 50000  
Number of cycles run: 42519  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 509  
Number of cycles run: 1814  
Number of cycles run: 9462  
Number of cycles run: 11237  
Number of cycles run: 5824  
Number of cycles run: 3692  
Number of cycles run: 10716  
Number of cycles run: 15005  
Number of cycles run: 5318  
Number of cycles run: 13794  
Number of cycles run: 12691  
Number of cycles run: 1386  
Number of cycles run: 12951  
Number of cycles run: 5925  
Number of cycles run: 668  
Number of cycles run: 6977  
Number of cycles run: 3105  
Number of cycles run: 35600  
Number of cycles run: 479  
Number of cycles run: 9641  
Number of cycles run: 46949  
Av cycles for selfish strength 3.0 is 14714  
standard diviation is 15578.924715991494