Testing average cycles for selfish strength 3.5

Number of cycles run: 10618

Number of cycles run: 1617

Number of cycles run: 1899

Number of cycles run: 17293

Number of cycles run: 10210

Number of cycles run: 2121

Number of cycles run: 27564

Number of cycles run: 1327

Number of cycles run: 41140

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 3646

Number of cycles run: 16463

Number of cycles run: 13363

Number of cycles run: 4014

Number of cycles run: 9180

Number of cycles run: 14632

Number of cycles run: 13482

Number of cycles run: 20948

Number of cycles run: 6537

Number of cycles run: 8342

Number of cycles run: 5831

Number of cycles run: 3827

Number of cycles run: 15147

Number of cycles run: 8813

Number of cycles run: 50000

Number of cycles run: 17958

Number of cycles run: 4756

Number of cycles run: 653

Number of cycles run: 10996

Number of cycles run: 496

Number of cycles run: 759

Number of cycles run: 7592

Number of cycles run: 50000

Number of cycles run: 10807

Number of cycles run: 50000

Number of cycles run: 9914

Number of cycles run: 8047

Number of cycles run: 9398

Number of cycles run: 2806

Number of cycles run: 1231

Number of cycles run: 5742

Number of cycles run: 50000

Number of cycles run: 14480

Number of cycles run: 7050

Number of cycles run: 24656

Number of cycles run: 50000

Number of cycles run: 746

Number of cycles run: 16604

Number of cycles run: 9668

Av cycles for selfish strength 3.5 is 15447

standard diviation is 16028.0658224

Testing average cycles for selfish strength 3.5

Number of cycles run: 11588

Number of cycles run: 50000

Number of cycles run: 13306

Number of cycles run: 3976

Number of cycles run: 452

Number of cycles run: 648

Number of cycles run: 9565

Number of cycles run: 13008

Number of cycles run: 14861

Number of cycles run: 11657

Number of cycles run: 2121

Number of cycles run: 1283

Number of cycles run: 1403

Number of cycles run: 3228

Number of cycles run: 11167

Number of cycles run: 16343

Number of cycles run: 12601

Number of cycles run: 50000

Number of cycles run: 10793

Number of cycles run: 523

Number of cycles run: 12248

Number of cycles run: 7334

Number of cycles run: 50000

Number of cycles run: 11379

Number of cycles run: 12267

Number of cycles run: 789

Number of cycles run: 31007

Number of cycles run: 11589

Number of cycles run: 12545

Number of cycles run: 50000

Number of cycles run: 4960

Number of cycles run: 15155

Number of cycles run: 50000

Number of cycles run: 12415

Number of cycles run: 19090

Number of cycles run: 10202

Number of cycles run: 10724

Number of cycles run: 909

Number of cycles run: 10686

Number of cycles run: 1462

Number of cycles run: 2232

Number of cycles run: 2388

Number of cycles run: 7399

Number of cycles run: 12739

Number of cycles run: 11262

Number of cycles run: 2835

Number of cycles run: 630

Number of cycles run: 1738

Number of cycles run: 7009

Number of cycles run: 40278

Av cycles for selfish strength 3.5 is 13235

standard diviation is 14467.1795478

Testing average cycles for selfish strength 3.5

Number of cycles run: 14123

Number of cycles run: 9231

Number of cycles run: 16640

Number of cycles run: 1108

Number of cycles run: 14025

Number of cycles run: 36148

Number of cycles run: 11312

Number of cycles run: 8375

Number of cycles run: 10500

Number of cycles run: 1473

Number of cycles run: 14941

Number of cycles run: 1786

Number of cycles run: 18755

Number of cycles run: 3759

Number of cycles run: 905

Number of cycles run: 6660

Number of cycles run: 50000

Number of cycles run: 10288

Number of cycles run: 555

Number of cycles run: 12628

Number of cycles run: 4982

Number of cycles run: 2753

Number of cycles run: 50000

Number of cycles run: 21629

Number of cycles run: 491

Number of cycles run: 50000

Number of cycles run: 5124

Number of cycles run: 1697

Number of cycles run: 5878

Number of cycles run: 11664

Number of cycles run: 13295

Number of cycles run: 12958

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 22547

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 29369

Number of cycles run: 5470

Number of cycles run: 569

Number of cycles run: 769

Number of cycles run: 2917

Number of cycles run: 6472

Number of cycles run: 682

Number of cycles run: 13466

Number of cycles run: 964

Number of cycles run: 50000

Number of cycles run: 2631

Number of cycles run: 11709

Av cycles for selfish strength 3.5 is 16424

standard diviation is 17563.0416012

Testing average cycles for selfish strength 3.5

Number of cycles run: 1049

Number of cycles run: 13997

Number of cycles run: 21577

Number of cycles run: 9962

Number of cycles run: 5952

Number of cycles run: 11269

Number of cycles run: 11433

Number of cycles run: 2351

Number of cycles run: 5350

Number of cycles run: 11417

Number of cycles run: 517

Number of cycles run: 1276

Number of cycles run: 640

Number of cycles run: 3025

Number of cycles run: 50000

Number of cycles run: 9231

Number of cycles run: 5923

Number of cycles run: 50000

Number of cycles run: 4909

Number of cycles run: 13327

Number of cycles run: 9866

Number of cycles run: 5304

Number of cycles run: 12593

Number of cycles run: 6901

Number of cycles run: 1357

Number of cycles run: 8851

Number of cycles run: 17838

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 5718

Number of cycles run: 7327

Number of cycles run: 16478

Number of cycles run: 19649

Number of cycles run: 50000

Number of cycles run: 10134

Number of cycles run: 10150

Number of cycles run: 5855

Number of cycles run: 10018

Number of cycles run: 3119

Number of cycles run: 6376

Number of cycles run: 3256

Number of cycles run: 38459

Number of cycles run: 30755

Number of cycles run: 43035

Number of cycles run: 14377

Number of cycles run: 5628

Number of cycles run: 19679

Number of cycles run: 50000

Number of cycles run: 6899

Number of cycles run: 750

Av cycles for selfish strength 3.5 is 15071

standard diviation is 15663.2285725

Testing average cycles for selfish strength 3.5

Number of cycles run: 947

Number of cycles run: 4622

Number of cycles run: 6784

Number of cycles run: 4548

Number of cycles run: 50000

Number of cycles run: 50000

Number of cycles run: 27074

Number of cycles run: 711

Number of cycles run: 9613

Number of cycles run: 2342

Number of cycles run: 695

Number of cycles run: 22939

Number of cycles run: 4798

Number of cycles run: 11093

Number of cycles run: 993

Number of cycles run: 10533

Number of cycles run: 2122

Number of cycles run: 50000

Number of cycles run: 974

Number of cycles run: 50000

Testing average cycles for selfish strength 3.5  
Number of cycles run: 16850  
Number of cycles run: 11249  
Number of cycles run: 3815  
Number of cycles run: 50000  
Number of cycles run: 14640  
Number of cycles run: 18469  
Number of cycles run: 582  
Number of cycles run: 586  
Number of cycles run: 9501  
Number of cycles run: 641  
Number of cycles run: 6148  
Number of cycles run: 7997  
Number of cycles run: 13881  
Number of cycles run: 2941  
Number of cycles run: 14891  
Number of cycles run: 1786  
Number of cycles run: 15190  
Number of cycles run: 50000  
Number of cycles run: 12213  
Number of cycles run: 2212  
Number of cycles run: 13885  
Number of cycles run: 531  
Number of cycles run: 10871  
Number of cycles run: 8437  
Number of cycles run: 9928  
Number of cycles run: 10270  
Number of cycles run: 1574  
Number of cycles run: 5369  
Number of cycles run: 8243  
Number of cycles run: 14148  
Number of cycles run: 9925  
Number of cycles run: 4720  
Number of cycles run: 12089  
Number of cycles run: 4570  
Number of cycles run: 11133  
Number of cycles run: 19405  
Number of cycles run: 2841  
Number of cycles run: 5718  
Number of cycles run: 2090  
Number of cycles run: 30796  
Number of cycles run: 3333  
Number of cycles run: 558  
Number of cycles run: 28319  
Number of cycles run: 50000  
Number of cycles run: 19256  
Number of cycles run: 50000  
Number of cycles run: 11892  
Number of cycles run: 10209  
Number of cycles run: 4308  
Number of cycles run: 50000  
Av cycles for selfish strength 3.5 is 13360  
standard diviation is 14052.363474678907  
Testing average cycles for selfish strength 3.5  
Number of cycles run: 3944  
Number of cycles run: 11279  
Number of cycles run: 50000  
Number of cycles run: 11484  
Number of cycles run: 11428  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 2511  
Number of cycles run: 9019  
Number of cycles run: 3651  
Number of cycles run: 931  
Number of cycles run: 50000  
Number of cycles run: 13404  
Number of cycles run: 5537  
Number of cycles run: 5123  
Number of cycles run: 7005  
Number of cycles run: 23787  
Number of cycles run: 3985  
Number of cycles run: 27433  
Number of cycles run: 7828  
Number of cycles run: 11257  
Number of cycles run: 7203  
Number of cycles run: 3869  
Number of cycles run: 2145  
Number of cycles run: 10294  
Number of cycles run: 7687  
Number of cycles run: 3097  
Number of cycles run: 7190  
Number of cycles run: 3680  
Number of cycles run: 7405  
Number of cycles run: 40352  
Number of cycles run: 50000  
Number of cycles run: 11879  
Number of cycles run: 10741  
Number of cycles run: 40652  
Number of cycles run: 6207  
Number of cycles run: 8873  
Number of cycles run: 6804  
Number of cycles run: 2419  
Number of cycles run: 7021  
Number of cycles run: 16964  
Number of cycles run: 10308  
Number of cycles run: 11008  
Number of cycles run: 24464  
Number of cycles run: 50000  
Number of cycles run: 640  
Number of cycles run: 6229  
Number of cycles run: 1913  
Number of cycles run: 10726  
Number of cycles run: 4653  
Av cycles for selfish strength 3.5 is 14680  
standard diviation is 15619.5305099293  
Testing average cycles for selfish strength 3.5  
Number of cycles run: 5085  
Number of cycles run: 50000  
Number of cycles run: 4928  
Number of cycles run: 1656  
Number of cycles run: 8846  
Number of cycles run: 9858  
Number of cycles run: 1204  
Number of cycles run: 6073  
Number of cycles run: 8812  
Number of cycles run: 6056  
Number of cycles run: 6892  
Number of cycles run: 2773  
Number of cycles run: 9223  
Number of cycles run: 19623  
Number of cycles run: 8704  
Number of cycles run: 1782  
Number of cycles run: 5714  
Number of cycles run: 28290  
Number of cycles run: 50000  
Number of cycles run: 699  
Number of cycles run: 3999  
Number of cycles run: 11379  
Number of cycles run: 46917  
Number of cycles run: 12627  
Number of cycles run: 1735  
Number of cycles run: 5434  
Number of cycles run: 14183  
Number of cycles run: 7713  
Number of cycles run: 15360  
Number of cycles run: 4895  
Number of cycles run: 5516  
Number of cycles run: 4052  
Number of cycles run: 12818  
Number of cycles run: 4942  
Number of cycles run: 687  
Number of cycles run: 12713  
Number of cycles run: 13043  
Number of cycles run: 814  
Number of cycles run: 50000  
Number of cycles run: 10562  
Number of cycles run: 2672  
Number of cycles run: 19008  
Number of cycles run: 9991  
Number of cycles run: 12099  
Number of cycles run: 10094  
Number of cycles run: 4273  
Number of cycles run: 10408  
Number of cycles run: 12693  
Number of cycles run: 7615  
Number of cycles run: 5966  
Av cycles for selfish strength 3.5 is 11408  
standard diviation is 12493.250501427903  
Testing average cycles for selfish strength 3.5  
Number of cycles run: 47278  
Number of cycles run: 6166  
Number of cycles run: 6823  
Number of cycles run: 38673  
Number of cycles run: 22755  
Number of cycles run: 7495  
Number of cycles run: 15278  
Number of cycles run: 17929  
Number of cycles run: 11793  
Number of cycles run: 7184  
Number of cycles run: 6799  
Number of cycles run: 9888  
Number of cycles run: 1105  
Number of cycles run: 29273  
Number of cycles run: 7218  
Number of cycles run: 15580  
Number of cycles run: 14095  
Number of cycles run: 681  
Number of cycles run: 4277  
Number of cycles run: 50000  
Number of cycles run: 4073  
Number of cycles run: 8425  
Number of cycles run: 10490  
Number of cycles run: 50000  
Number of cycles run: 566  
Number of cycles run: 25453  
Number of cycles run: 3383  
Number of cycles run: 9368  
Number of cycles run: 10320  
Number of cycles run: 50000  
Number of cycles run: 11216  
Number of cycles run: 17650  
Number of cycles run: 3540  
Number of cycles run: 1301  
Number of cycles run: 7863  
Number of cycles run: 13425  
Number of cycles run: 6088  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 8283  
Number of cycles run: 9635  
Number of cycles run: 6463  
Number of cycles run: 16907  
Number of cycles run: 50000  
Number of cycles run: 8790  
Number of cycles run: 5574  
Number of cycles run: 602  
Number of cycles run: 50000  
Number of cycles run: 25038  
Number of cycles run: 8352  
Av cycles for selfish strength 3.5 is 16861  
standard diviation is 16294.280843728135