Testing average cycles for selfish strength 2.0  
Number of cycles run: 3819  
Number of cycles run: 21010  
Number of cycles run: 12818  
Number of cycles run: 600  
Number of cycles run: 11372  
Number of cycles run: 8358  
Number of cycles run: 10771  
Number of cycles run: 16672  
Number of cycles run: 2056  
Number of cycles run: 7263  
Number of cycles run: 50000  
Number of cycles run: 7016  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 3608  
Number of cycles run: 7437  
Number of cycles run: 40470  
Number of cycles run: 39566  
Number of cycles run: 14406  
Number of cycles run: 7607  
Number of cycles run: 10379  
Number of cycles run: 605  
Number of cycles run: 8480  
Number of cycles run: 50000  
Number of cycles run: 9213  
Number of cycles run: 6208  
Number of cycles run: 1812  
Number of cycles run: 3214  
Number of cycles run: 9619  
Number of cycles run: 3829  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 10647  
Number of cycles run: 9658  
Number of cycles run: 13420  
Number of cycles run: 8619  
Number of cycles run: 18010  
Number of cycles run: 3509  
Number of cycles run: 41316  
Number of cycles run: 50000  
Number of cycles run: 7172  
Number of cycles run: 10153  
Number of cycles run: 18428  
Number of cycles run: 17519  
Number of cycles run: 2285  
Number of cycles run: 45356  
Number of cycles run: 16419  
Number of cycles run: 26340  
Number of cycles run: 813  
Number of cycles run: 7659  
Av cycles for selfish strength 2.0 is 17510  
standard diviation is 16806.81347244477  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 5046  
Number of cycles run: 7621  
Number of cycles run: 18292  
Number of cycles run: 50000  
Number of cycles run: 21292  
Number of cycles run: 858  
Number of cycles run: 39987  
Number of cycles run: 15128  
Number of cycles run: 50000  
Number of cycles run: 3253  
Number of cycles run: 7852  
Number of cycles run: 15871  
Number of cycles run: 50000  
Number of cycles run: 6800  
Number of cycles run: 8799  
Number of cycles run: 5458  
Number of cycles run: 13993  
Number of cycles run: 15212  
Number of cycles run: 6162  
Number of cycles run: 34350  
Number of cycles run: 10482  
Number of cycles run: 5071  
Number of cycles run: 20338  
Number of cycles run: 50000  
Number of cycles run: 6909  
Number of cycles run: 9411  
Number of cycles run: 25717  
Number of cycles run: 11421  
Number of cycles run: 911  
Number of cycles run: 23479  
Number of cycles run: 5608  
Number of cycles run: 50000  
Number of cycles run: 17207  
Number of cycles run: 7777  
Number of cycles run: 11734  
Number of cycles run: 729  
Number of cycles run: 50000  
Number of cycles run: 10411  
Number of cycles run: 50000  
Number of cycles run: 4329  
Number of cycles run: 6801  
Number of cycles run: 50000  
Number of cycles run: 9764  
Number of cycles run: 525  
Number of cycles run: 50000  
Number of cycles run: 5535  
Number of cycles run: 4374  
Number of cycles run: 9513  
Number of cycles run: 17334  
Number of cycles run: 988  
Av cycles for selfish strength 2.0 is 18046  
standard diviation is 17086.007376081467  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 813  
Number of cycles run: 50000  
Number of cycles run: 3250  
Number of cycles run: 11515  
Number of cycles run: 6564  
Number of cycles run: 36933  
Number of cycles run: 796  
Number of cycles run: 1865  
Number of cycles run: 50000  
Number of cycles run: 10720  
Number of cycles run: 50000  
Number of cycles run: 21733  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 584  
Number of cycles run: 1871  
Number of cycles run: 9845  
Number of cycles run: 13794  
Number of cycles run: 12848  
Number of cycles run: 50000  
Number of cycles run: 12508  
Number of cycles run: 50000  
Number of cycles run: 9585  
Number of cycles run: 50000  
Number of cycles run: 4685  
Number of cycles run: 26867  
Number of cycles run: 6980  
Number of cycles run: 6917  
Number of cycles run: 8137  
Number of cycles run: 2203  
Number of cycles run: 24081  
Number of cycles run: 5218  
Number of cycles run: 11539  
Number of cycles run: 12882  
Number of cycles run: 11369  
Number of cycles run: 50000  
Number of cycles run: 9633  
Number of cycles run: 27566  
Number of cycles run: 5373  
Number of cycles run: 11965  
Number of cycles run: 3192  
Number of cycles run: 13251  
Number of cycles run: 8373  
Number of cycles run: 6159  
Number of cycles run: 18813  
Number of cycles run: 13006  
Number of cycles run: 10298  
Number of cycles run: 4409  
Number of cycles run: 1965  
Number of cycles run: 50000  
Av cycles for selfish strength 2.0 is 18202  
standard diviation is 17611.894751698295  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 50000  
Number of cycles run: 11177  
Number of cycles run: 462  
Number of cycles run: 587  
Number of cycles run: 12184  
Number of cycles run: 2013  
Number of cycles run: 1971  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 13780  
Number of cycles run: 913  
Number of cycles run: 4019  
Number of cycles run: 50000  
Number of cycles run: 7596  
Number of cycles run: 4091  
Number of cycles run: 4710  
Number of cycles run: 4586  
Number of cycles run: 667  
Number of cycles run: 8441  
Number of cycles run: 817  
Number of cycles run: 24917  
Number of cycles run: 50000  
Number of cycles run: 12710  
Number of cycles run: 10032  
Number of cycles run: 50000  
Number of cycles run: 28819  
Number of cycles run: 8626  
Number of cycles run: 9737  
Number of cycles run: 5326  
Number of cycles run: 14328  
Number of cycles run: 18569  
Number of cycles run: 2573  
Number of cycles run: 13542  
Number of cycles run: 11243  
Number of cycles run: 8653  
Number of cycles run: 33436  
Number of cycles run: 5306  
Number of cycles run: 50000  
Number of cycles run: 9699  
Number of cycles run: 12465  
Number of cycles run: 10301  
Number of cycles run: 6322  
Number of cycles run: 495  
Number of cycles run: 5791  
Number of cycles run: 7840  
Number of cycles run: 11886  
Number of cycles run: 9240  
Number of cycles run: 11712  
Number of cycles run: 14583  
Number of cycles run: 50000  
Av cycles for selfish strength 2.0 is 15723  
standard diviation is 16526.772228596798  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 19495  
Number of cycles run: 7633  
Number of cycles run: 9214  
Number of cycles run: 50000  
Number of cycles run: 18130  
Number of cycles run: 6184  
Number of cycles run: 50000  
Number of cycles run: 11516  
Number of cycles run: 16089  
Number of cycles run: 5610  
Number of cycles run: 10975  
Number of cycles run: 5705  
Number of cycles run: 27568  
Number of cycles run: 5409  
Number of cycles run: 476  
Number of cycles run: 10706  
Number of cycles run: 11417  
Number of cycles run: 5637  
Number of cycles run: 6613  
Number of cycles run: 4885  
Number of cycles run: 10184  
Number of cycles run: 10927  
Number of cycles run: 21820  
Number of cycles run: 50000  
Number of cycles run: 7011  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 14410  
Number of cycles run: 1826  
Number of cycles run: 4238  
Number of cycles run: 8088  
Number of cycles run: 10802  
Number of cycles run: 14502  
Number of cycles run: 12844  
Number of cycles run: 8283  
Number of cycles run: 2139  
Number of cycles run: 7148  
Number of cycles run: 28602  
Number of cycles run: 9293  
Number of cycles run: 5697  
Number of cycles run: 20449  
Number of cycles run: 7329  
Number of cycles run: 8144  
Number of cycles run: 1890  
Number of cycles run: 21351  
Number of cycles run: 13039  
Number of cycles run: 19616  
Number of cycles run: 50000  
Number of cycles run: 12028  
Number of cycles run: 40274  
Av cycles for selfish strength 2.0 is 16103  
standard diviation is 14671.975159994998  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 5247  
Number of cycles run: 17988  
Number of cycles run: 460  
Number of cycles run: 10747  
Number of cycles run: 11791  
Number of cycles run: 14595  
Number of cycles run: 2508  
Number of cycles run: 1015  
Number of cycles run: 8379  
Number of cycles run: 8834  
Number of cycles run: 7228  
Number of cycles run: 50000  
Number of cycles run: 5194  
Number of cycles run: 6934  
Number of cycles run: 7450  
Number of cycles run: 8194  
Number of cycles run: 13711  
Number of cycles run: 39141  
Number of cycles run: 6000  
Number of cycles run: 9717  
Number of cycles run: 4671  
Number of cycles run: 5890

Number of cycles run: 50000  
Number of cycles run: 15229  
Number of cycles run: 7678  
Number of cycles run: 3653  
Number of cycles run: 17679  
Number of cycles run: 1326  
Number of cycles run: 8351  
Number of cycles run: 2023  
Number of cycles run: 4198  
Number of cycles run: 8219  
Number of cycles run: 50000  
Number of cycles run: 10167  
Number of cycles run: 19600  
Number of cycles run: 1806  
Number of cycles run: 11054  
Number of cycles run: 3218  
Number of cycles run: 8103  
Number of cycles run: 2816  
Number of cycles run: 3863  
Number of cycles run: 18741  
Number of cycles run: 4285  
Number of cycles run: 6135  
Number of cycles run: 50000  
Number of cycles run: 5335  
Number of cycles run: 50000  
Number of cycles run: 955  
Number of cycles run: 12104  
Number of cycles run: 947  
Av cycles for selfish strength 2.0 is 12463  
standard diviation is 14241.103866997537  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 36749  
Number of cycles run: 50000  
Number of cycles run: 11817  
Number of cycles run: 1128  
Number of cycles run: 48070  
Number of cycles run: 10709  
Number of cycles run: 8147  
Number of cycles run: 4333  
Number of cycles run: 516  
Number of cycles run: 10079  
Number of cycles run: 7563  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 5817  
Number of cycles run: 6996  
Number of cycles run: 7733  
Number of cycles run: 6950  
Number of cycles run: 50000  
Number of cycles run: 5913  
Number of cycles run: 50000  
Number of cycles run: 5447  
Number of cycles run: 3842  
Number of cycles run: 12352  
Number of cycles run: 50000  
Number of cycles run: 14485  
Number of cycles run: 512  
Number of cycles run: 50000  
Number of cycles run: 5624  
Number of cycles run: 50000  
Number of cycles run: 11267  
Number of cycles run: 9409  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 562  
Number of cycles run: 10880  
Number of cycles run: 6319  
Number of cycles run: 9887  
Number of cycles run: 1813  
Number of cycles run: 27982  
Number of cycles run: 1153  
Number of cycles run: 17672  
Number of cycles run: 6120  
Number of cycles run: 714  
Number of cycles run: 11112  
Number of cycles run: 17268  
Number of cycles run: 6839  
Number of cycles run: 10196  
Number of cycles run: 50000  
Number of cycles run: 24493  
Number of cycles run: 8228  
Av cycles for selfish strength 2.0 is 18933  
standard diviation is 18763.08682867529  
Testing average cycles for selfish strength 2.0  
Number of cycles run: 5270  
Number of cycles run: 6182  
Number of cycles run: 50000  
Number of cycles run: 11797  
Number of cycles run: 30296  
Number of cycles run: 16828  
Number of cycles run: 9280  
Number of cycles run: 5074  
Number of cycles run: 1120  
Number of cycles run: 15153  
Number of cycles run: 8792  
Number of cycles run: 18241  
Number of cycles run: 11478  
Number of cycles run: 2914  
Number of cycles run: 833  
Number of cycles run: 832  
Number of cycles run: 2891  
Number of cycles run: 3923  
Number of cycles run: 30357  
Number of cycles run: 3098  
Number of cycles run: 50000  
Number of cycles run: 9486  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 9777  
Number of cycles run: 499  
Number of cycles run: 550  
Number of cycles run: 3765  
Number of cycles run: 4527  
Number of cycles run: 15058  
Number of cycles run: 15924  
Number of cycles run: 5153  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 18720  
Number of cycles run: 50000  
Number of cycles run: 41552  
Number of cycles run: 50000  
Number of cycles run: 20496  
Number of cycles run: 786  
Number of cycles run: 7468  
Number of cycles run: 1168  
Number of cycles run: 9496  
Number of cycles run: 3367  
Number of cycles run: 4065  
Number of cycles run: 3672  
Number of cycles run: 6861  
Number of cycles run: 8662  
Number of cycles run: 10963  
Av cycles for selfish strength 2.0 is 16727  
standard diviation is 17740.39521824674