Testing average cycles for selfish strength 2.5  
Number of cycles run: 7292  
Number of cycles run: 6234  
Number of cycles run: 6825  
Number of cycles run: 6673  
Number of cycles run: 7210  
Number of cycles run: 16909  
Number of cycles run: 5894  
Number of cycles run: 10250  
Number of cycles run: 7320  
Number of cycles run: 7707  
Number of cycles run: 6807  
Number of cycles run: 7214  
Number of cycles run: 6255  
Number of cycles run: 7226  
Number of cycles run: 8595  
Number of cycles run: 30157  
Number of cycles run: 6801  
Number of cycles run: 8657  
Number of cycles run: 7438  
Number of cycles run: 7891  
Number of cycles run: 7229  
Number of cycles run: 7455  
Number of cycles run: 11910  
Number of cycles run: 7103  
Number of cycles run: 11311  
Number of cycles run: 8318  
Number of cycles run: 5703  
Number of cycles run: 7042  
Number of cycles run: 8330  
Number of cycles run: 6176  
Number of cycles run: 13078  
Number of cycles run: 7619  
Number of cycles run: 36733  
Number of cycles run: 6526  
Number of cycles run: 6599  
Number of cycles run: 10341  
Number of cycles run: 8271  
Number of cycles run: 7812  
Number of cycles run: 6738  
Number of cycles run: 6755  
Number of cycles run: 6691  
Number of cycles run: 6687  
Number of cycles run: 6313  
Number of cycles run: 6377  
Number of cycles run: 7078  
Number of cycles run: 37485  
Number of cycles run: 13905  
Number of cycles run: 6178  
Number of cycles run: 33793  
Number of cycles run: 7736  
Av cycles for selfish strength 2.5 is 10052  
standard diviation is 7653.16304999416  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6365  
Number of cycles run: 9573  
Number of cycles run: 14495  
Number of cycles run: 8536  
Number of cycles run: 10981  
Number of cycles run: 10741  
Number of cycles run: 19159  
Number of cycles run: 15693  
Number of cycles run: 6658  
Number of cycles run: 8546  
Number of cycles run: 5476  
Number of cycles run: 7857  
Number of cycles run: 26672  
Number of cycles run: 7770  
Number of cycles run: 7308  
Number of cycles run: 6267  
Number of cycles run: 9350  
Number of cycles run: 8394  
Number of cycles run: 50000  
Number of cycles run: 8201  
Number of cycles run: 50000  
Number of cycles run: 8124  
Number of cycles run: 10993  
Number of cycles run: 12358  
Number of cycles run: 8612  
Number of cycles run: 8620  
Number of cycles run: 11332  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 6263  
Number of cycles run: 5785  
Number of cycles run: 5705  
Number of cycles run: 10141  
Number of cycles run: 8065  
Number of cycles run: 25869  
Number of cycles run: 8712  
Number of cycles run: 8838  
Number of cycles run: 15213  
Number of cycles run: 7401  
Number of cycles run: 10669  
Number of cycles run: 46127  
Number of cycles run: 9276  
Number of cycles run: 7614  
Number of cycles run: 8057  
Number of cycles run: 6318  
Number of cycles run: 10240  
Number of cycles run: 6605  
Number of cycles run: 8313  
Number of cycles run: 7309  
Number of cycles run: 12997  
Av cycles for selfish strength 2.5 is 13871  
standard diviation is 12673.955404300747  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6578  
Number of cycles run: 6890  
Number of cycles run: 7950  
Number of cycles run: 50000  
Number of cycles run: 21314  
Number of cycles run: 5640  
Number of cycles run: 50000  
Number of cycles run: 6081  
Number of cycles run: 6579  
Number of cycles run: 35123  
Number of cycles run: 8134  
Number of cycles run: 6964  
Number of cycles run: 8501  
Number of cycles run: 8128  
Number of cycles run: 8419  
Number of cycles run: 6592  
Number of cycles run: 6892  
Number of cycles run: 18631  
Number of cycles run: 21681  
Number of cycles run: 6867  
Number of cycles run: 10274  
Number of cycles run: 7563  
Number of cycles run: 8533  
Number of cycles run: 10144  
Number of cycles run: 7202  
Number of cycles run: 14609  
Number of cycles run: 6876  
Number of cycles run: 6430  
Number of cycles run: 5789  
Number of cycles run: 7066  
Number of cycles run: 6406  
Number of cycles run: 7388  
Number of cycles run: 7377  
Number of cycles run: 7975  
Number of cycles run: 9814  
Number of cycles run: 9352  
Number of cycles run: 5996  
Number of cycles run: 6822  
Number of cycles run: 7901  
Number of cycles run: 8402  
Number of cycles run: 6215  
Number of cycles run: 5998  
Number of cycles run: 6956  
Number of cycles run: 6384  
Number of cycles run: 17436  
Number of cycles run: 8964  
Number of cycles run: 7466  
Number of cycles run: 9929  
Number of cycles run: 24968  
Number of cycles run: 8446  
Av cycles for selfish strength 2.5 is 11232  
standard diviation is 9804.318316071603  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 9776  
Number of cycles run: 6241  
Number of cycles run: 5934  
Number of cycles run: 7769  
Number of cycles run: 8085  
Number of cycles run: 6003  
Number of cycles run: 8275  
Number of cycles run: 6287  
Number of cycles run: 8432  
Number of cycles run: 8780  
Number of cycles run: 10503  
Number of cycles run: 50000  
Number of cycles run: 7622  
Number of cycles run: 6878  
Number of cycles run: 7534  
Number of cycles run: 6535  
Number of cycles run: 5315  
Number of cycles run: 50000  
Number of cycles run: 10520  
Number of cycles run: 6159  
Number of cycles run: 7870  
Number of cycles run: 6110  
Number of cycles run: 7112  
Number of cycles run: 45202  
Number of cycles run: 7047  
Number of cycles run: 50000  
Number of cycles run: 6726  
Number of cycles run: 16542  
Number of cycles run: 7599  
Number of cycles run: 50000  
Number of cycles run: 5833  
Number of cycles run: 11456  
Number of cycles run: 7174  
Number of cycles run: 6484  
Number of cycles run: 5192  
Number of cycles run: 7235  
Number of cycles run: 7259  
Number of cycles run: 50000  
Number of cycles run: 11035  
Number of cycles run: 7391  
Number of cycles run: 47525  
Number of cycles run: 17117  
Number of cycles run: 10877  
Number of cycles run: 7023  
Number of cycles run: 50000  
Number of cycles run: 7530  
Number of cycles run: 6072  
Number of cycles run: 10181  
Number of cycles run: 23884  
Number of cycles run: 6859  
Av cycles for selfish strength 2.5 is 14939  
standard diviation is 15413.038629030942  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6720  
Number of cycles run: 8111  
Number of cycles run: 6712  
Number of cycles run: 8202  
Number of cycles run: 5863  
Number of cycles run: 7756  
Number of cycles run: 6917  
Number of cycles run: 7144  
Number of cycles run: 7636  
Number of cycles run: 5489  
Number of cycles run: 39328  
Number of cycles run: 7179  
Number of cycles run: 6500  
Number of cycles run: 50000  
Number of cycles run: 10722  
Number of cycles run: 9900  
Number of cycles run: 6443  
Number of cycles run: 8936  
Number of cycles run: 12123  
Number of cycles run: 7991  
Number of cycles run: 6343  
Number of cycles run: 10259  
Number of cycles run: 8169  
Number of cycles run: 9978  
Number of cycles run: 7394  
Number of cycles run: 50000  
Number of cycles run: 8142  
Number of cycles run: 6805  
Number of cycles run: 7049  
Number of cycles run: 6546  
Number of cycles run: 11399  
Number of cycles run: 9773  
Number of cycles run: 6816  
Number of cycles run: 18105  
Number of cycles run: 7271  
Number of cycles run: 8165  
Number of cycles run: 8853  
Number of cycles run: 7564  
Number of cycles run: 8382  
Number of cycles run: 8398  
Number of cycles run: 7305  
Number of cycles run: 6920  
Number of cycles run: 6958  
Number of cycles run: 6352  
Number of cycles run: 10557  
Number of cycles run: 6663  
Number of cycles run: 50000  
Number of cycles run: 4663  
Number of cycles run: 11079  
Number of cycles run: 6919  
Av cycles for selfish strength 2.5 is 11249  
standard diviation is 11036.177326374549  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 8506  
Number of cycles run: 5881  
Number of cycles run: 17158  
Number of cycles run: 7550  
Number of cycles run: 18257  
Number of cycles run: 11180  
Number of cycles run: 6552  
Number of cycles run: 50000  
Number of cycles run: 6699  
Number of cycles run: 7886  
Number of cycles run: 25145  
Number of cycles run: 6856  
Number of cycles run: 6977  
Number of cycles run: 8117  
Number of cycles run: 6017  
Number of cycles run: 7282  
Number of cycles run: 6683  
Number of cycles run: 8869  
Number of cycles run: 9494  
Number of cycles run: 8861  
Number of cycles run: 17532  
Number of cycles run: 8840  
Number of cycles run: 6859

Number of cycles run: 40376  
Number of cycles run: 8049  
Number of cycles run: 50000  
Number of cycles run: 12060  
Number of cycles run: 6129  
Number of cycles run: 6863  
Number of cycles run: 6954  
Number of cycles run: 43992  
Number of cycles run: 5557  
Number of cycles run: 15914  
Number of cycles run: 7403  
Number of cycles run: 50000  
Number of cycles run: 6585  
Number of cycles run: 5923  
Number of cycles run: 6233  
Number of cycles run: 6954  
Number of cycles run: 9852  
Number of cycles run: 6269  
Number of cycles run: 9721  
Number of cycles run: 13331  
Number of cycles run: 5909  
Number of cycles run: 6634  
Number of cycles run: 9829  
Number of cycles run: 8684  
Number of cycles run: 14194  
Number of cycles run: 8741  
Number of cycles run: 20129  
Av cycles for selfish strength 2.5 is 13189  
standard diviation is 12148.531422189199  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 18421  
Number of cycles run: 8809  
Number of cycles run: 7338  
Number of cycles run: 5395  
Number of cycles run: 6353  
Number of cycles run: 7866  
Number of cycles run: 7098  
Number of cycles run: 6016  
Number of cycles run: 6114  
Number of cycles run: 6611  
Number of cycles run: 8616  
Number of cycles run: 9778  
Number of cycles run: 6196  
Number of cycles run: 7631  
Number of cycles run: 11045  
Number of cycles run: 8135  
Number of cycles run: 19406  
Number of cycles run: 22944  
Number of cycles run: 7160  
Number of cycles run: 50000  
Number of cycles run: 9398  
Number of cycles run: 7577  
Number of cycles run: 6586  
Number of cycles run: 10076  
Number of cycles run: 17963  
Number of cycles run: 6386  
Number of cycles run: 48917  
Number of cycles run: 6066  
Number of cycles run: 8103  
Number of cycles run: 7444  
Number of cycles run: 11086  
Number of cycles run: 50000  
Number of cycles run: 5911  
Number of cycles run: 8982  
Number of cycles run: 12550  
Number of cycles run: 8553  
Number of cycles run: 6084  
Number of cycles run: 7125  
Number of cycles run: 7510  
Number of cycles run: 8127  
Number of cycles run: 10143  
Number of cycles run: 9755  
Number of cycles run: 11365  
Number of cycles run: 6692  
Number of cycles run: 9721  
Number of cycles run: 5803  
Number of cycles run: 8626  
Number of cycles run: 12136  
Number of cycles run: 7403  
Number of cycles run: 7440  
Av cycles for selfish strength 2.5 is 11489  
standard diviation is 10395.103197650129  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 5955  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 7671  
Number of cycles run: 21199  
Number of cycles run: 6910  
Number of cycles run: 6211  
Number of cycles run: 8480  
Number of cycles run: 13742  
Number of cycles run: 50000  
Number of cycles run: 7447  
Number of cycles run: 7101  
Number of cycles run: 17496  
Number of cycles run: 7188  
Number of cycles run: 12627  
Number of cycles run: 5627  
Number of cycles run: 6920  
Number of cycles run: 12511  
Number of cycles run: 10970  
Number of cycles run: 17428  
Number of cycles run: 7089  
Number of cycles run: 9409  
Number of cycles run: 6676  
Number of cycles run: 7396  
Number of cycles run: 7233  
Number of cycles run: 25424  
Number of cycles run: 7274  
Number of cycles run: 14885  
Number of cycles run: 6450  
Number of cycles run: 7173  
Number of cycles run: 6462  
Number of cycles run: 6847  
Number of cycles run: 7671  
Number of cycles run: 6099  
Number of cycles run: 7754  
Number of cycles run: 8496  
Number of cycles run: 10136  
Number of cycles run: 7398  
Number of cycles run: 5704  
Number of cycles run: 50000  
Number of cycles run: 11344  
Number of cycles run: 7398  
Number of cycles run: 7137  
Number of cycles run: 7072  
Number of cycles run: 50000  
Number of cycles run: 7665  
Number of cycles run: 28747  
Number of cycles run: 6882  
Number of cycles run: 10830  
Number of cycles run: 7837  
Av cycles for selfish strength 2.5 is 13719  
standard diviation is 13147.325700114758  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 7158  
Number of cycles run: 7850  
Number of cycles run: 6640  
Number of cycles run: 15437  
Number of cycles run: 7623  
Number of cycles run: 14233  
Number of cycles run: 5447  
Number of cycles run: 34955  
Number of cycles run: 6624  
Number of cycles run: 6321  
Number of cycles run: 50000  
Number of cycles run: 6211  
Number of cycles run: 8747  
Number of cycles run: 5644  
Number of cycles run: 6652  
Number of cycles run: 21808  
Number of cycles run: 5538  
Number of cycles run: 6379  
Number of cycles run: 8231  
Number of cycles run: 7502  
Number of cycles run: 7954  
Number of cycles run: 6696  
Number of cycles run: 7184  
Number of cycles run: 8513  
Number of cycles run: 9086  
Number of cycles run: 6619  
Number of cycles run: 18087  
Number of cycles run: 9300  
Number of cycles run: 9966  
Number of cycles run: 7374  
Number of cycles run: 10547  
Number of cycles run: 9464  
Number of cycles run: 45266  
Number of cycles run: 8353  
Number of cycles run: 50000  
Number of cycles run: 22182  
Number of cycles run: 8409  
Number of cycles run: 8584  
Number of cycles run: 6676  
Number of cycles run: 9088  
Number of cycles run: 7637  
Number of cycles run: 10668  
Number of cycles run: 7474  
Number of cycles run: 10784  
Number of cycles run: 7226  
Number of cycles run: 6724  
Number of cycles run: 6139  
Number of cycles run: 7183  
Number of cycles run: 7698  
Number of cycles run: 8107  
Av cycles for selfish strength 2.5 is 11759  
standard diviation is 10694.178684552771  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 7592  
Number of cycles run: 5784  
Number of cycles run: 7066  
Number of cycles run: 7152  
Number of cycles run: 10768  
Number of cycles run: 14347  
Number of cycles run: 7081  
Number of cycles run: 6097  
Number of cycles run: 7926  
Number of cycles run: 5751  
Number of cycles run: 6821  
Number of cycles run: 10094  
Number of cycles run: 16931  
Number of cycles run: 8036  
Number of cycles run: 15183  
Number of cycles run: 50000  
Number of cycles run: 6527  
Number of cycles run: 7443  
Number of cycles run: 7048  
Number of cycles run: 8095  
Number of cycles run: 50000  
Number of cycles run: 7925  
Number of cycles run: 7424  
Number of cycles run: 16009  
Number of cycles run: 6801  
Number of cycles run: 6492  
Number of cycles run: 7398  
Number of cycles run: 11698  
Number of cycles run: 6895  
Number of cycles run: 16486  
Number of cycles run: 6622  
Number of cycles run: 9737  
Number of cycles run: 6350  
Number of cycles run: 13181  
Number of cycles run: 7069  
Number of cycles run: 7718  
Number of cycles run: 13647  
Number of cycles run: 7197  
Number of cycles run: 6717  
Number of cycles run: 6619  
Number of cycles run: 11950  
Number of cycles run: 38000  
Number of cycles run: 50000  
Number of cycles run: 7045  
Number of cycles run: 6949  
Number of cycles run: 16411  
Number of cycles run: 11686  
Number of cycles run: 6589  
Number of cycles run: 6763  
Number of cycles run: 26485  
Av cycles for selfish strength 2.5 is 12392  
standard diviation is 11163.25246155475