Testing average cycles for selfish strength 2.5  
Number of cycles run: 14529  
Number of cycles run: 50000  
Number of cycles run: 6780  
Number of cycles run: 6064  
Number of cycles run: 10169  
Number of cycles run: 7921  
Number of cycles run: 6279  
Number of cycles run: 6042  
Number of cycles run: 13945  
Number of cycles run: 12010  
Number of cycles run: 50000  
Number of cycles run: 10321  
Number of cycles run: 7504  
Number of cycles run: 7176  
Number of cycles run: 6680  
Number of cycles run: 7052  
Number of cycles run: 6303  
Number of cycles run: 7703  
Number of cycles run: 7709  
Number of cycles run: 6513  
Number of cycles run: 7003  
Number of cycles run: 7954  
Number of cycles run: 5680  
Number of cycles run: 7057  
Number of cycles run: 7951  
Number of cycles run: 6650  
Number of cycles run: 6274  
Number of cycles run: 9815  
Number of cycles run: 7231  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 8051  
Number of cycles run: 6912  
Number of cycles run: 5514  
Number of cycles run: 6869  
Number of cycles run: 7684  
Number of cycles run: 7034  
Number of cycles run: 50000  
Number of cycles run: 9155  
Number of cycles run: 7720  
Number of cycles run: 36269  
Number of cycles run: 34944  
Number of cycles run: 7997  
Number of cycles run: 7574  
Number of cycles run: 10746  
Number of cycles run: 6641  
Number of cycles run: 6929  
Number of cycles run: 6450  
Number of cycles run: 5399  
Number of cycles run: 7007  
Av cycles for selfish strength 2.5 is 13104  
standard diviation is 10046.734173829416  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6525  
Number of cycles run: 7732  
Number of cycles run: 37330  
Number of cycles run: 7819  
Number of cycles run: 9318  
Number of cycles run: 6654  
Number of cycles run: 11100  
Number of cycles run: 7076  
Number of cycles run: 8751  
Number of cycles run: 8127  
Number of cycles run: 18477  
Number of cycles run: 6423  
Number of cycles run: 6709  
Number of cycles run: 8450  
Number of cycles run: 5919  
Number of cycles run: 8245  
Number of cycles run: 7356  
Number of cycles run: 10597  
Number of cycles run: 9539  
Number of cycles run: 7611  
Number of cycles run: 7131  
Number of cycles run: 8221  
Number of cycles run: 6825  
Number of cycles run: 6140  
Number of cycles run: 19755  
Number of cycles run: 8268  
Number of cycles run: 50000  
Number of cycles run: 7718  
Number of cycles run: 9409  
Number of cycles run: 6682  
Number of cycles run: 47733  
Number of cycles run: 10348  
Number of cycles run: 6185  
Number of cycles run: 7770  
Number of cycles run: 7828  
Number of cycles run: 7819  
Number of cycles run: 13258  
Number of cycles run: 6079  
Number of cycles run: 8026  
Number of cycles run: 6466  
Number of cycles run: 50000  
Number of cycles run: 6011  
Number of cycles run: 6946  
Number of cycles run: 5358  
Number of cycles run: 6730  
Number of cycles run: 16706  
Number of cycles run: 6763  
Number of cycles run: 7137  
Number of cycles run: 6451  
Number of cycles run: 7454  
Av cycles for selfish strength 2.5 is 11419  
standard diviation is 10891.033151737483  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 50000  
Number of cycles run: 6859  
Number of cycles run: 11478  
Number of cycles run: 7072  
Number of cycles run: 6722  
Number of cycles run: 26226  
Number of cycles run: 6871  
Number of cycles run: 7075  
Number of cycles run: 8550  
Number of cycles run: 6975  
Number of cycles run: 8538  
Number of cycles run: 8123  
Number of cycles run: 12823  
Number of cycles run: 6636  
Number of cycles run: 6574  
Number of cycles run: 8233  
Number of cycles run: 7041  
Number of cycles run: 9306  
Number of cycles run: 7216  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 11551  
Number of cycles run: 7124  
Number of cycles run: 7001  
Number of cycles run: 10778  
Number of cycles run: 10785  
Number of cycles run: 8780  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 5870  
Number of cycles run: 11515  
Number of cycles run: 6025  
Number of cycles run: 50000  
Number of cycles run: 7286  
Number of cycles run: 6760  
Number of cycles run: 6996  
Number of cycles run: 12620  
Number of cycles run: 7530  
Number of cycles run: 7069  
Number of cycles run: 9518  
Number of cycles run: 50000  
Number of cycles run: 9781  
Number of cycles run: 7045  
Number of cycles run: 10969  
Number of cycles run: 6779  
Number of cycles run: 50000  
Number of cycles run: 7652  
Number of cycles run: 9019  
Number of cycles run: 6465  
Number of cycles run: 5897  
Av cycles for selfish strength 2.5 is 15262  
standard diviation is 15622.051031572682  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 8865  
Number of cycles run: 6244  
Number of cycles run: 9694  
Number of cycles run: 8999  
Number of cycles run: 50000  
Number of cycles run: 5761  
Number of cycles run: 7478  
Number of cycles run: 6365  
Number of cycles run: 6941  
Number of cycles run: 50000  
Number of cycles run: 50000  
Number of cycles run: 6811  
Number of cycles run: 7932  
Number of cycles run: 6800  
Number of cycles run: 7499  
Number of cycles run: 6841  
Number of cycles run: 7940  
Number of cycles run: 7097  
Number of cycles run: 6496  
Number of cycles run: 7024  
Number of cycles run: 10156  
Number of cycles run: 7769  
Number of cycles run: 6923  
Number of cycles run: 50000  
Number of cycles run: 8413  
Number of cycles run: 7804  
Number of cycles run: 6135  
Number of cycles run: 6432  
Number of cycles run: 8019  
Number of cycles run: 50000  
Number of cycles run: 9178  
Number of cycles run: 7980  
Number of cycles run: 6550  
Number of cycles run: 7052  
Number of cycles run: 6254  
Number of cycles run: 7892  
Number of cycles run: 6269  
Number of cycles run: 7918  
Number of cycles run: 50000  
Number of cycles run: 6653  
Number of cycles run: 50000  
Number of cycles run: 8395  
Number of cycles run: 6903  
Number of cycles run: 7015  
Number of cycles run: 13545  
Number of cycles run: 13839  
Number of cycles run: 8312  
Number of cycles run: 21098  
Number of cycles run: 50000  
Number of cycles run: 12550  
Av cycles for selfish strength 2.5 is 14876  
standard diviation is 10413.321307178157  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6787  
Number of cycles run: 11198  
Number of cycles run: 6345  
Number of cycles run: 50000  
Number of cycles run: 6553  
Number of cycles run: 10001  
Number of cycles run: 5986  
Number of cycles run: 6802  
Number of cycles run: 7136  
Number of cycles run: 14878  
Number of cycles run: 6762  
Number of cycles run: 5895  
Number of cycles run: 19668  
Number of cycles run: 8110  
Number of cycles run: 6626  
Number of cycles run: 7267  
Number of cycles run: 8041  
Number of cycles run: 7863  
Number of cycles run: 5093  
Number of cycles run: 7384  
Number of cycles run: 23333  
Number of cycles run: 11103  
Number of cycles run: 50000  
Number of cycles run: 7396  
Number of cycles run: 16223  
Number of cycles run: 9386  
Number of cycles run: 8689  
Number of cycles run: 9907  
Number of cycles run: 50000  
Number of cycles run: 6123  
Number of cycles run: 7231  
Number of cycles run: 7791  
Number of cycles run: 7430  
Number of cycles run: 8335  
Number of cycles run: 12382  
Number of cycles run: 8481  
Number of cycles run: 50000  
Number of cycles run: 5868  
Number of cycles run: 5795  
Number of cycles run: 9942  
Number of cycles run: 11737  
Number of cycles run: 5428  
Number of cycles run: 9467  
Number of cycles run: 10932  
Number of cycles run: 9323  
Number of cycles run: 7748  
Number of cycles run: 7974  
Number of cycles run: 50000  
Number of cycles run: 8773  
Number of cycles run: 14685  
Av cycles for selfish strength 2.5 is 13197  
standard diviation is 12881.829419466976  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 7328  
Number of cycles run: 6987  
Number of cycles run: 13730  
Number of cycles run: 8603  
Number of cycles run: 30923  
Number of cycles run: 9740  
Number of cycles run: 8879  
Number of cycles run: 6333  
Number of cycles run: 7662  
Number of cycles run: 12477  
Number of cycles run: 6211  
Number of cycles run: 5943  
Number of cycles run: 6880  
Number of cycles run: 20315  
Number of cycles run: 7804  
Number of cycles run: 4986  
Number of cycles run: 6374  
Number of cycles run: 9902  
Number of cycles run: 7979  
Number of cycles run: 9531  
Number of cycles run: 6766  
Number of cycles run: 7230  
Number of cycles run: 8424  
Number of cycles run: 7033

Number of cycles run: 50000  
Number of cycles run: 9616  
Number of cycles run: 6919  
Number of cycles run: 14330  
Number of cycles run: 6161  
Number of cycles run: 6083  
Number of cycles run: 13617  
Number of cycles run: 6618  
Number of cycles run: 7543  
Number of cycles run: 7793  
Number of cycles run: 7465  
Number of cycles run: 9212  
Number of cycles run: 7074  
Number of cycles run: 13997  
Number of cycles run: 8320  
Number of cycles run: 6489  
Number of cycles run: 12010  
Number of cycles run: 29365  
Number of cycles run: 8149  
Number of cycles run: 6318  
Number of cycles run: 6797  
Number of cycles run: 6245  
Number of cycles run: 8659  
Number of cycles run: 6882  
Number of cycles run: 13044  
Number of cycles run: 7181  
Av cycles for selfish strength 2.5 is 10278  
standard diviation is 7700.902778272699  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6584  
Number of cycles run: 11855  
Number of cycles run: 9046  
Number of cycles run: 5936  
Number of cycles run: 7313  
Number of cycles run: 10143  
Number of cycles run: 5559  
Number of cycles run: 6597  
Number of cycles run: 8525  
Number of cycles run: 6616  
Number of cycles run: 6873  
Number of cycles run: 8637  
Number of cycles run: 10938  
Number of cycles run: 50000  
Number of cycles run: 6776  
Number of cycles run: 8521  
Number of cycles run: 5134  
Number of cycles run: 7622  
Number of cycles run: 7770  
Number of cycles run: 8235  
Number of cycles run: 6781  
Number of cycles run: 13944  
Number of cycles run: 8056  
Number of cycles run: 50000  
Number of cycles run: 9694  
Number of cycles run: 11400  
Number of cycles run: 7425  
Number of cycles run: 11449  
Number of cycles run: 8079  
Number of cycles run: 12561  
Number of cycles run: 50000  
Number of cycles run: 13458  
Number of cycles run: 21076  
Number of cycles run: 7901  
Number of cycles run: 6984  
Number of cycles run: 6503  
Number of cycles run: 12080  
Number of cycles run: 6928  
Number of cycles run: 7397  
Number of cycles run: 11007  
Number of cycles run: 17023  
Number of cycles run: 9380  
Number of cycles run: 6754  
Number of cycles run: 7763  
Number of cycles run: 18132  
Number of cycles run: 6518  
Number of cycles run: 6972  
Number of cycles run: 8885  
Number of cycles run: 7665  
Number of cycles run: 8287  
Av cycles for selfish strength 2.5 is 11575  
standard diviation is 10319.43065736889  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 6985  
Number of cycles run: 44425  
Number of cycles run: 14886  
Number of cycles run: 50000  
Number of cycles run: 9692  
Number of cycles run: 8618  
Number of cycles run: 6782  
Number of cycles run: 8043  
Number of cycles run: 6783  
Number of cycles run: 6819  
Number of cycles run: 5979  
Number of cycles run: 6427  
Number of cycles run: 10039  
Number of cycles run: 22940  
Number of cycles run: 5958  
Number of cycles run: 8640  
Number of cycles run: 7395  
Number of cycles run: 7324  
Number of cycles run: 8131  
Number of cycles run: 7668  
Number of cycles run: 25111  
Number of cycles run: 7673  
Number of cycles run: 6508  
Number of cycles run: 6961  
Number of cycles run: 7296  
Number of cycles run: 6791  
Number of cycles run: 6859  
Number of cycles run: 5353  
Number of cycles run: 7177  
Number of cycles run: 6197  
Number of cycles run: 28757  
Number of cycles run: 8108  
Number of cycles run: 5894  
Number of cycles run: 7153  
Number of cycles run: 50000  
Number of cycles run: 11237  
Number of cycles run: 6785  
Number of cycles run: 6871  
Number of cycles run: 10469  
Number of cycles run: 6466  
Number of cycles run: 14031  
Number of cycles run: 5607  
Number of cycles run: 5116  
Number of cycles run: 10618  
Number of cycles run: 50000  
Number of cycles run: 7749  
Number of cycles run: 9188  
Number of cycles run: 7985  
Number of cycles run: 5809  
Number of cycles run: 24541  
Av cycles for selfish strength 2.5 is 12436  
standard diviation is 11982.322935227612  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 7003  
Number of cycles run: 5449  
Number of cycles run: 6880  
Number of cycles run: 7621  
Number of cycles run: 7359  
Number of cycles run: 10920  
Number of cycles run: 8645  
Number of cycles run: 50000  
Number of cycles run: 6914  
Number of cycles run: 5710  
Number of cycles run: 9541  
Number of cycles run: 6349  
Number of cycles run: 9370  
Number of cycles run: 9577  
Number of cycles run: 6997  
Number of cycles run: 5715  
Number of cycles run: 8064  
Number of cycles run: 8698  
Number of cycles run: 6829  
Number of cycles run: 6526  
Number of cycles run: 8090  
Number of cycles run: 7456  
Number of cycles run: 6009  
Number of cycles run: 14706  
Number of cycles run: 31318  
Number of cycles run: 7272  
Number of cycles run: 7601  
Number of cycles run: 7412  
Number of cycles run: 6235  
Number of cycles run: 8818  
Number of cycles run: 5516  
Number of cycles run: 8558  
Number of cycles run: 6569  
Number of cycles run: 7313  
Number of cycles run: 5950  
Number of cycles run: 50000  
Number of cycles run: 15879  
Number of cycles run: 5852  
Number of cycles run: 7728  
Number of cycles run: 6664  
Number of cycles run: 7538  
Number of cycles run: 50000  
Number of cycles run: 6903  
Number of cycles run: 6702  
Number of cycles run: 6808  
Number of cycles run: 7084  
Number of cycles run: 6884  
Number of cycles run: 9216  
Number of cycles run: 50000  
Number of cycles run: 5968  
Av cycles for selfish strength 2.5 is 11524  
standard diviation is 12097.493908868151  
Testing average cycles for selfish strength 2.5  
Number of cycles run: 7217  
Number of cycles run: 7468  
Number of cycles run: 6427  
Number of cycles run: 6430  
Number of cycles run: 6324  
Number of cycles run: 10349  
Number of cycles run: 8739  
Number of cycles run: 22482  
Number of cycles run: 50000  
Number of cycles run: 5879  
Number of cycles run: 6768  
Number of cycles run: 5532  
Number of cycles run: 25710  
Number of cycles run: 8921  
Number of cycles run: 21151  
Number of cycles run: 7304  
Number of cycles run: 29841  
Number of cycles run: 9185  
Number of cycles run: 13545  
Number of cycles run: 12127  
Number of cycles run: 6563  
Number of cycles run: 14333  
Number of cycles run: 9055  
Number of cycles run: 5756  
Number of cycles run: 6549  
Number of cycles run: 8390  
Number of cycles run: 20145  
Number of cycles run: 7217  
Number of cycles run: 7886  
Number of cycles run: 13738  
Number of cycles run: 7013  
Number of cycles run: 19985  
Number of cycles run: 7053  
Number of cycles run: 5988  
Number of cycles run: 7145  
Number of cycles run: 7999  
Number of cycles run: 7662  
Number of cycles run: 6749  
Number of cycles run: 12331  
Number of cycles run: 7441  
Number of cycles run: 5697  
Number of cycles run: 6250  
Number of cycles run: 6722  
Number of cycles run: 8046  
Number of cycles run: 14406  
Number of cycles run: 6435  
Number of cycles run: 5283  
Number of cycles run: 7892  
Number of cycles run: 12084  
Number of cycles run: 11326  
Av cycles for selfish strength 2.5 is 10891  
standard diviation is 7746.3679362969715