Assignment #9: Self-Stabilization

DUE: Wednesday, April 8th.

1. **Self-stabilization** (10 points)

   Compare the speed of convergence of Dijkstra’s k-state self-stabilizing token ring and 4-state token ring. (Calculate the number of algorithmic steps required, in the worst case, to return to a safe state.)

2. **Paper presentation** (0 points)

   Choose a paper from the literature in distributed algorithms to present to the class. Your paper should be relatively recent (within the last 5 years, approximately). You will only have half of a class period (i.e., 25 minutes) for your presentation, so gauge the amount of material you will present accordingly. While your choice of paper is not worth any points, your presentation will be graded both by the instructional staff and by your peers.