**CSE 5306 Distributed Systems (Spring 2014)  
Lab # 2 - Ring Coordinator Election Algorithm**

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**Development Environment:**Languages : Java SE-1.7Text Editor/IDE : Sublime Text and Eclipse Operating System : Windows 7

**Steps on how to compile and run program:**

1. Import the two files File1 and File2 in Eclipse.
2. Run File1
3. A Window Will Open.
4. Click On Election Button To Start an Election
5. To Crash a process enter the name of process like “P5” in the text area and click Down Button
6. To Again Start the Election Click on Election Button.
7. To Restart any process again enter process name like”P5” and click Restart Button. The Process will restart.

**References:**

1. <http://lycog.com/distributed-systems/token-ring-mutual-exclusion-in-distributed-systems/>
2. <http://grid.u-strasbg.fr/p2pmpi/documentation/samples.html>
3. <http://stackoverflow.com/>
4. <http://docs.oracle.com/javase/7/docs/api/>
5. <http://www.cs.wustl.edu/~kjg/CS333_SP97/leader.html>
6. <https://github.com/ksashikumar/Ring-Election-Algorithm/blob/master/RingElection.java>
7. <https://github.com/kevinc/Leader-Election>
8. <https://github.com/ynnadrules/Hirschberg-Sinclair>
9. <http://stackoverflow.com/questions/4523185/how-to-elect-a-master-node-among-the-nodes-running-in-a-cluster>
10. <http://www.javaworld.com/article/2077322/core-java/sockets-programming-in-java-a-tutorial.html>
11. <http://www.tutorialspoint.com/java/java_networking.htm>
12. <http://cs.lmu.edu/~ray/notes/javanetexamples/>