

COP 5612 – Fall 2015
Project 2 – Gossip Simulator
Output

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(Note: This is just the output file with the details of the convergence time obtained after the execution of the program. For report please refer to Report.pdf)

Gossip Protocol

Number of Nodes	Convergence Time			
	Full Network	Line	3D Grid	Imperfect Grid
10	6	2	4	4
100	20	4	17	11
1000	101	5	107	60
10000	382	6	151	281
100000	390	5	216	357
1000000	2938	2	188	13840
10000000	8664	6	250	1013

Push-Sum Protocol

Number of Nodes	Convergence Time			
	Full Network	Line	3D Grid	Imperfect Grid
10	4	4	16	3
100	10	6	9	7
1000	28	2	6	22
10000	73	3	11	106
100000	187	2	13	185
1000000	376	2	20	140