COP5615
Distributed Operating Systems Principles
Fall 2015
Project III
Chord

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1. What is Working
The program is working perfectly as the requirements.

2. Instructions for running the project
1. Unzip the attached zipped file to temporary location on the machine.
2. Running Project3
a) Open command prompt and cd to the location of the **"Project3"** directory contained in the zipped file (make sure sbt is installed on the machine)
b) Run as below

sbt "run *numNodes numRequests*"

Note:
· **_numNodes** should be greater than 1
· **_numRequests** should be greater than 0

3. Largest network we dealt with

Our Program can work with at most 30,000 nodes

Note: The program can support more than 50000 nodes but it'll take long time to finish.

Results Number of nodes	Average Hops
10	3.25
50	5.7
100	6.9
250	7.34
500	9.19
1000	17.1831
3000	13.0282
5000	11.1586
10000	17.1873
25000	21.5889
30000	23.6478

Average Hops