

# Project Report

## Name:

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## How to run:

1. Unzip the contents of file "Project3"
2. Run the following command - `mix run proj3.exs {No of nodes} { No of request}`

## Implementation

Where numNodes is the number of peers to be created in the peer to peer systems and numRequests the number of requests each peer has to makes. One node in the code has been dynamically added in the file tapestry.ex and Server.ex

## Largest network of nodes

The largest network that we ran our code on was for 5000 nodes and 10 requests for each peer.

## Sample input output

`mix run proj3.exs 100 2-----Max hop is 2`

`mix run proj3.exs 300 2 ---- Max Hop count 3`

`Mix run proj3.exs 2000 2 ----- Max Hop count 4`

