**Project 2 Readme**

**Team members:**

1. Nadish Sood – UFID: 13156391

2. Kapish Yadav – UFID: 98826143

**Run commands**

Download the file, open cmd line and enter the directory where you have saved the file.

Run the project by using the following command – dotnet dsi –langversion:preview proj2-org.fsx number\_of\_nodes topology algorithm

1. number\_of\_nodes – The number of nodes to be run
2. topology – The topology (full, imp2D, line or 2D)
3. algorithm – The algorithm (push-sum or gossip)

**What is working?**

Gossip and Push-Sum algorithms have been implemented and applied on topologies – full, network, imperfect 2D grid, line and 2D grid.

**What is the largest network you managed to deal with for each type of topology and algorithm?**

Gossip:

1. Full - 10000
2. Line - 10000
3. 2D - 10000
4. Imp2D - 10000

Push-sum:

1. Full - 2000
2. Line - 2000
3. 2D - 2000
4. Imp2D - 2000