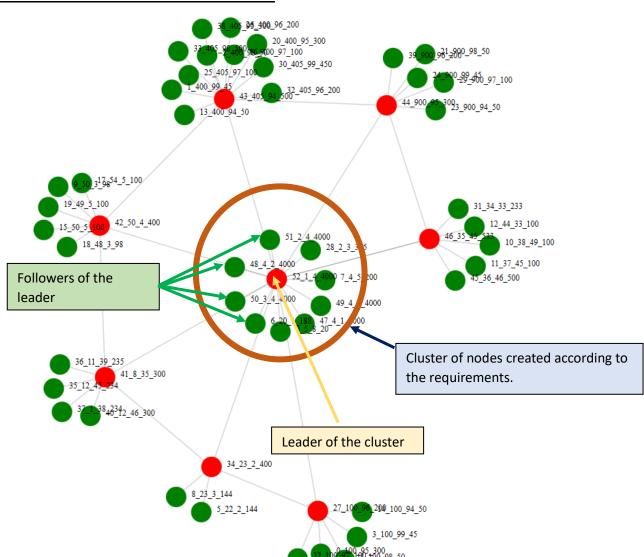
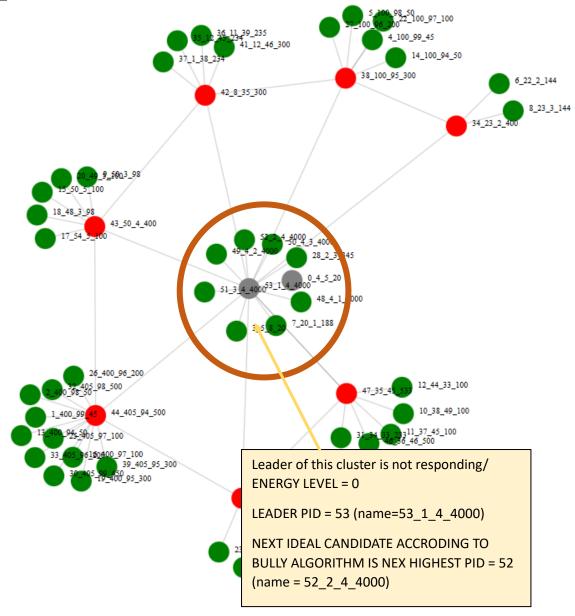
- Extract/Copy the Executables folder into your local storage. Make sure you have installed java 11 on your pc.
- Move into the *Executables* folder and open a command line window on that folder.
- Run following command (1).
 - java -jar Distributed_Systems_Project_18-2.8.9.jar --file="inputs/input1.txt"
 - There are 4 inputs in the inputs folder.
 - Input1.txt, input2.txt, input3.txt, original input.txt
 - Change the name according to the input file you want to run in the above command - - file tag.
- Then open the *frontend* folder.
- Double click on the "frontend.html" file. This will start the distributed system and you will be able to see log output on the console window that you run the command (1)
 - Make sure port 8887 is free on your system.
- On your browser window you will see visual representation of the distributed system.
- You should see a distributed system as a graph as in following figures. (You can zoom in and out as necessary to see PIDs and NODE NAMES.)

How to read the front-end visualization

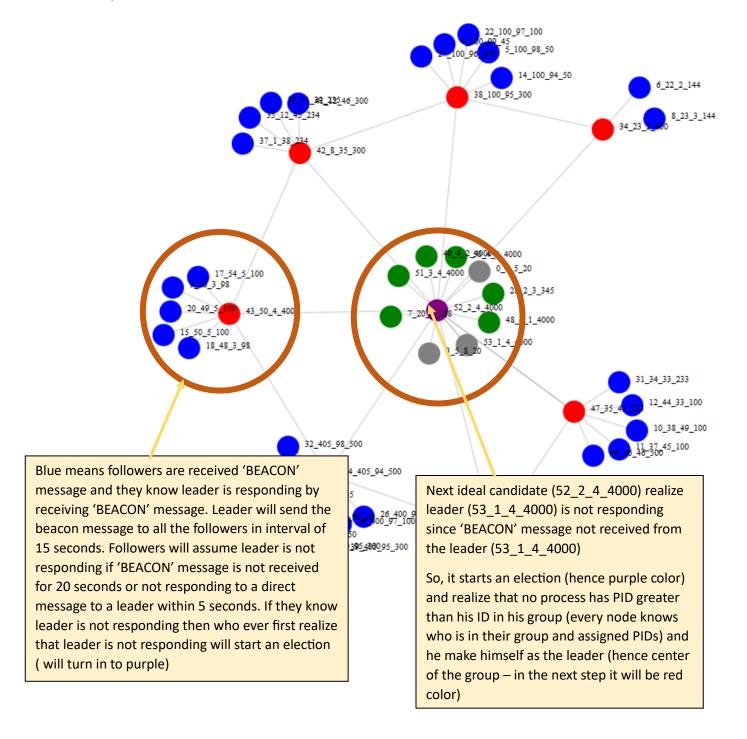


Leader Election Visualization

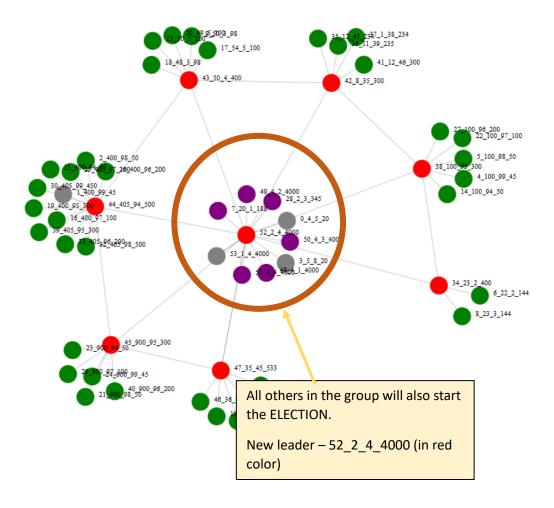
Step - 01



<u>Step - 02</u>



Step - 03



Step - 04

