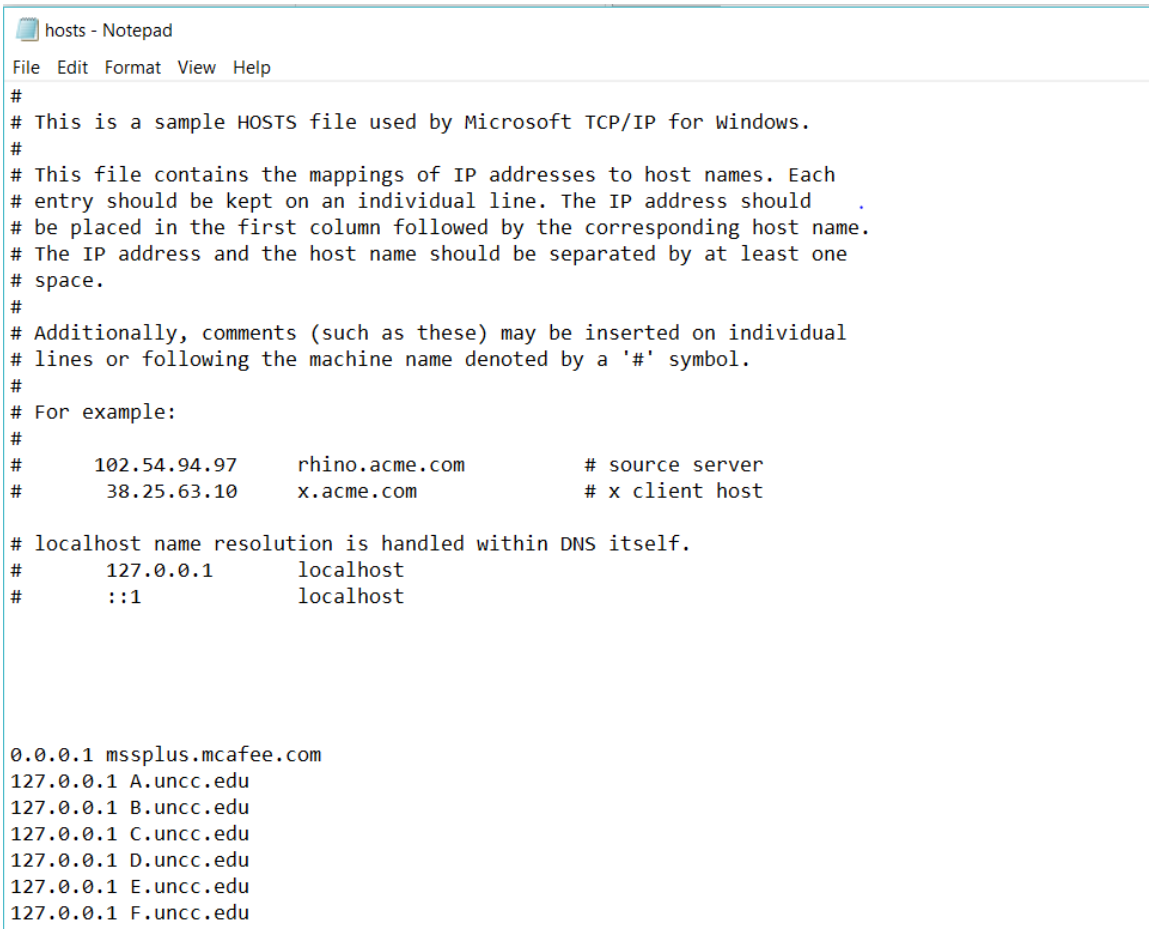
README

Steps to do before running the program

First, update the hosts file as below-

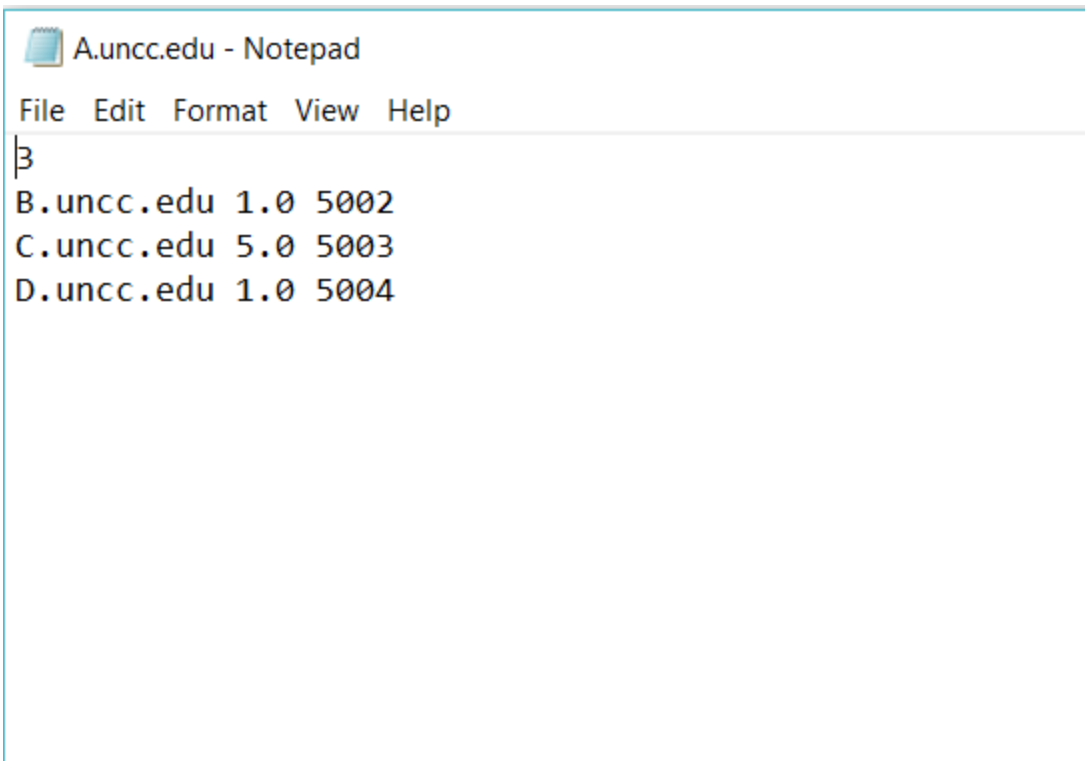


There are 6 nodes A, B, C, D, E and F. Each node send routing information to other nodes every 15 seconds.

Input File

There is an input file corresponding to each node, which specifies the costs to its neighbouring nodes. An example is given below-

README



First line shows total number of immediate neighbours. Second line shows hostname, cost and port number respectively.

How to run -

1. Compile all the source files-
   javac Sender.java Receiver.java DistVect.java Main_Activity.java

2. To run - Open 6 command windows and run the following commands

   java Main_Activity 5001 A.uncc.edu.dat
   java Main_Activity 5002 B.uncc.edu.dat
   java Main_Activity 5003 C.uncc.edu.dat
   java Main_Activity 5004 D.uncc.edu.dat
   java Main_Activity 5005 E.uncc.edu.dat
   java Main_Activity 5006 F.uncc.edu.dat

Note: Port mentioned here is for receiving the packets and the port mentioned in the nodes file is for sending. Make sure that port number corresponds to the same node it is listening