AJAYKUMAR PRATHAP #800962252 Lalitha Subrahmanyam Oruganty #800980214

CCN Project 3

Distance Vector Routing Protocol

The shortest path is calculated by performing distance vector routing protocol. The following is the basis of this routing protocol

Let $dx(y) = Least cost path from x to y$,
Then, $dx(y) = min \{c(x, v) + dv(y)\}$
Where,
C(x,v) is the minimum distance to the neighbor v.
Dv(y) is the cost from v to destination y
Steps to Execute:
Download all the files in a folder.
Go inside that folder and run the below commands
Compile all the files using Java Command
Javac *.java
Since I am using Multicase address give same port number
Format: java DVRStarter <port number=""> <filename></filename></port>
DVRStarter: Main class to execute the program.
Input:
a.dat
b.dat
c.dat

Commands for above 3 files:

Javac *.java java DVRStarter 8000 a.dat java DVRStarter 8000 b.dat java DVRStarter 8000 c.dat





