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How to compile and run in either windows powershell or linux bash

Get all 1 files – 1 .txt file and compile

Javac linkstate.java

Run binary

Java linkstate network.txt

- Text document must be

Code structure

Parsing

Dijkstra's

Example

```
PS C:\Users\shawn\Desktop\CNT4007 Network Fundamentals\PA3> java linkstate small_network.txt
Step          N'          D(2),p(2)      D(3),p(3)      D(4),p(4)      D(5),p(5)      D(6),p(6)
----------------------------------------------------------------------------------------------
0             1,          2,1            5,1            1,1            N,x            N,x
----------------------------------------------------------------------------------------------
1             1,4,        2,1            4,4            1,1            2,4            N,x
----------------------------------------------------------------------------------------------
2             1,4,2,      2,1            4,4            1,1            2,4            N,x
----------------------------------------------------------------------------------------------
3             1,4,2,5,    2,1            3,5            1,1            2,4            4,5
----------------------------------------------------------------------------------------------
4             1,4,2,5,3,  2,1            3,5            1,1            2,4            4,5
----------------------------------------------------------------------------------------------
5             1,4,2,5,3,6, 2,1           3,5            1,1            2,4            4,5
```

Bug, errors, limitations

Starts to get really messy when large networks are examined

Additional Comments

None