

CS3205 Networks Assignment-3 Readme

CS18B051

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1 Files we have

- ospf.cpp , the c++ code which each router has to do.it takes 6 arguments at the command line.
- script.sh , this has code to run n routers in parallel.
- input1.txt and input2.txt the input files used for report .We also have the corresponding output files in a two seperate folder.
- Report , a pdf with technical reports in the format asked .
- Readme file which tells how to run the program.

2 How to run

- We need to do g++ -o ospf ospf.cpp to produce the executable file.
- If there is version difference or threadex not launching use , g++ -pthread -std=c++11 -o ospf ospf.cpp.
- We can run bash script.sh to make n processes in parallel or , open n terminals and give command line arguments ./ospf id input output x y z.
- Doing the above two commands produces a n outfilei.txt , in which we wrote the routing table each time we computed.

- for report we used input1.txt and script1.sh to run and get outputs , and similarly input2.txt and script2.sh to run and get different set of outputs.