Objective: Test Internet Speeds for Sending and Receiving Data

You should complete the first part of this recitation in the lab today. For the second part, you will need to use your own internet connection (if you have one), use a friend’s, or find some other location for testing the speed of internet connections.

This form is due in class on Wednesday after you’ve had a chance to complete activity 2.

Activity 1: a. Log on, bring up a browser, then use Google or another search engine to search for “test internet speed.” List the first three items listed, including the “Sponsored Links.”

Site 1: ______________________________________
Site 2: ______________________________________
Site 3: ______________________________________

b. Go to “www.Tech.MSN.com/SpeedTest” (your search may have found this site; if so you can click on the address. If not, you will need to type the address into the browser window. Conduct the internet speed test. It will ask you to enter your area code, so enter “757.” Select “LAN/WAN” in the lab. When you repeat this test later on another machine, select the appropriate type of connection for that computer. Conduct the test twice, pausing in between for a minute or so. Record the two values here. If they differ significantly, guess at why that might be. If they do differ significantly, run the test a third time. On some of these tests you will get different numbers for upload (sending data) and download (receiving data). Record both numbers if you have them.

Speed 1: _______________  ____________________
Speed 2: _______________  ____________________
Speed 3: _______________  ____________________

Explanation (if needed):

c. Go to “us.mcafee.com/toot/speedometer/default.sap”. Repeat the “step b” activities from above.

Speed 1: _______________  ____________________
Speed 2: _______________  ____________________
d. Go to “home.cfl.rr.com/eaa/Bandwidth.htm”. Scroll down if you need to see a list of remote sites. Run the same speed tests as above for these sites:

   Bluefield, WV (location 1)
   Denver, CO (location 7)
   United Kingdom (location 71)

Do the numbers differ significantly among these three sites? If so, conjecture why this might be. What effect might the other people in the room have on your numbers?

Bluefield, WV

   Speed 1: ____________________
   Speed 2: ____________________
   Speed 3: ____________________

   Explanation (if needed):

Denver

   Speed 1: ____________________
   Speed 2: ____________________
   Speed 3: ____________________

   Explanation (if needed):

The Unitied Kingdom

   Speed 1: ____________________
   Speed 2: ____________________
Activity 2: a. On another computer, preferably with another type of connection (dial-up, DSL, or Cable Modem), repeat the same experiments and report the results here.

Site 1: ________________________________
Site 2: ________________________________
Site 3: ________________________________

b. Go to “www.Tech.MSN.com/SpeedTest” and repeat the tests from above.

Speed 1: _________________  ______________
Speed 2: _________________  ______________
Speed 3: _________________  ______________

Explanation (if needed):

c. Go to “us.mcafee.com/toot/speedometer/default.sap”. Repeat the “step b” activities from above.

Speed 1: _________________  ______________
Speed 2: _________________  ______________
Speed 3: _________________  ______________

Explanation (if needed):

d. Go to “home.cfl.rr.com/eaa/Bandwidth.htm”. Scroll down if you need to see a list of remote sites. Run the same speed tests as above for these sites:
Do the numbers differ significantly among these three sites? If so, conjecture why this might be. What effect might the other people in the room have on your numbers?

Bluefield, WV

Speed 1: _________________  ______________
Speed 2: _________________  ______________
Speed 3: _________________  ______________

Explanation (if needed):

Denver, CO

Speed 1: _________________  ______________
Speed 2: _________________  ______________
Speed 3: _________________  ______________

Explanation (if needed):

The United Kingdom

Speed 1: _________________  ______________
Speed 2: _________________  ______________
Speed 3: _________________  ______________

Explanation (if needed);