

CS-103: Introduction to Internet Technologies and Web Programming  
Homework 2

Written solutions (questions 1-4) due at beginning of class Friday Sept 22, 2006  
Computer exercises (questions 5-8) due by 9pm Wed Sept 20, 2006

Read Web 101, Chapter 4.1-4.5  
Read Six Degrees, Chapter 1

**Homework collaboration policy: You must write answers in your own words and do computer exercises on with your own hands at your preferred Internet connection. You may collaborate provided that you clearly state the full names of your collaborators. You may not copy solutions verbatim from classmates or any other source.**

1. Sitting at your preferred connection to the Internet, describe the following:
  - a. What anti-virus software is used on this computer, if any?
  - b. When is the last time the virus definitions were updated?
  - c. What firewall technology is used on this computer, if any?
  - d. What spyware removal software is used on this computer, if any?

2. Please also check if the above computer is

PC

Your personal computer

Mac

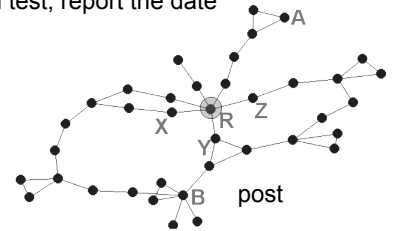
BU computer

Other (\_\_\_\_\_)

Other (\_\_\_\_\_)


3. Sitting at your preferred connection to the Internet, visit <http://bandwidthplace.com/speedtest/index.html> and run a free personal test of your Internet connection. Run the test once when you expect the network to be busy and another time when you expect the network will not be busy. For each test, report the date & time, megabits per second, and IP address returned by BandwidthPlace.

4. Briefly explain two different characteristics that router R might consider when dynamically choosing one of X, Y, or Z to route information from A to B. Extra credit if you explain three.



5. Write at least one new post on your Blogger.com blog from HW1. Your new must include at least two different hyperlinks.

6. Go to <http://Blogger.com/home>, be sure you are logged in to your Blogger account, and click on the “Change

Settings” gear icon  for the blog you created in HW1. Select “Site Feed” and double check that “Publish Site Feed” says “Yes” and “Descriptions” says “Full”. Update these fields if necessary.



7. Accept the invitation in your email inbox to create an account on <http://ning.com> and join <http://bookmarksbycs103.ning.com/>

8. Once you have joined “Bookmarks by CS-103” then add a bookmark for your blog from HW1.

- a. The Title of your bookmark must say “Blog by XXX YYY” where “XXX YYY” is your name.
- b. The Description of the bookmark should be the title of your blog.
- c. In the field that says “Tag this bookmark” enter “blog, HW2”

See example at right

