

CS120 Homework #1

Date assigned: 9/21/06

Date due: 9/28/06 9:25am

Points: 65

Answers to each of the following questions are to be typed in the order in which they appear and submitted in the Drop Box called **WilliamsDrop** by **9:25am** on the day in which this assignment is due. Any project turned in after 9:25 am will be marked late.

You are to do your own work in answering each of the following questions. This is not a group exercise, so **please do not work together**. If you have any questions, please stop by and let's talk.

1) (10 pts) Does clicking on a link on a Web page begin a file upload or a file download. Briefly explain your answer. Include in your explanation the notion of client and server and identify which computers play those roles in this interaction.

2) (10 pts) What is the a) processor name b) processor speed c) amount of RAM d) size of the hard drive and e) IP address of one of the computers in the library PC lab.

3) (10 pts) Assume a dial-in modem transfers information at 56 Kbps and a cable modem transfers information at 1 Mbps. How many seconds (to the nearest tenth of a second) would it take to download a 3 megabyte MP3 file using the dial-in modem and the cable modem. Show all work for full credit?

4) (10 pts) Open up the Web browser Firefox. There is a default location for the Home Page.

a) Explain how you would have the Web browser go to the location of the default home page.

b) Explain step by step how you change the Web browser to go to a different default home page when the steps outlined in part a) are performed.

5) (10 pts) What is the difference between a history list and a bookmark file? When would you use a history list and when would you use a bookmark file? How do you remove information from the history list?

6)(15 pts) You are going to buy a PC computer on-line. Based on your current financial situation, please answer each of the following questions:

- a) Are you buying a Mac or PC?
- b) What is the processor speed?
- c) How much memory exists?
- d) What is the hard drive size?
- e) Is a CD/DVD burner with software included in the price?
- f) How much memory does the video card have?

- g) How big is the display and what type (Flat panel or CRT)?
- h) If you had an additional \$1,000 to spend over your budget, what system upgrades would you select?

In order to receive full credit for question 6), you are to answer each of the above questions a) – h). Also, include the URL of where you are going to purchase your computer. Then include the specifics about your computer including all hardware and software specifications. Finally, include the price. Capture a picture of your computer and place it in the document.

Note1: You are not to work with anyone on the solutions to this assignment. Further, all answers are to be original (in your own words). The only copying you can do on this assignment is on question #6. For that question, copy and paste your computer information into your solutions word document along with a picture.

Note2: You are to answer each of the above questions in a Microsoft Word document (a file called PUNetID.doc (e.g. will4619.doc)) in the order in which they appear on this handout. On the day the assignment is due, place a hard copy of your solution on the instructor's desk and an electronic copy in the drop box called **WilliamsDrop**.

To be considered on time, both the electronic and paper copy of your assignment must be turned in before 9:25am on the date in which the assignment is due.

Note3: Your document is to be named as specified in Note 2 and you can only drop your document in the drop box **one time**. If you get careless and drop a file of the wrong name into the drop box, you will lose credit on the assignment.

Note4: Start early on this assignment!!!