# Hands-On Exercise

1. Student answers will vary.
2. Student answers will vary.

Web Research

Students' answers to these research assignments will vary, but they should contain most of the information described below.

1. W3C Research

**a. How did the W3C get started?**

The W3C was founded in October of 1994. Its purpose was to lead the World Wide Web to its full potential by developing common protocols that promote its evolution and ensure its interoperability. Tim Berners-Lee, inventor of the Web, founded the World Wide Web Consortium (W3C) at the Massachusetts Institute of Technology Laboratory for Computer Science (MIT/LCS) in collaboration with CERN, where the Web originated, with support from DARPA and the European Commission. Tim Berners-Lee is still involved with the W3C (as of 2002) in the role of Director.
Sources: Multiple pages at the W3C site.( http://w3c.org, http://www.w3.org/Consortium/)

**b. Who can join the W3C? What is the cost?**

Only organizations can join the W3C. Full membership costs $50,000 per year. Affiliate membership (for non-profit and government organizations) costs $5,000 per year. Only employees of member organizations can participate fully in W3C activities. However, there are some activities that the general public can be involved in see http://www.w3.org/Consortium/#public.
Sources: Multiple pages at the W3C site (http://w3c.org, http://www.w3.org/Consortium/Prospectus/Joining)

**c. The W3C home page lists a number of technologies. Choose one that interests you and click on its link and read the associated pages. List three facts or issues you discovered.**

Answers to this will vary. Consider narrowing the scope of this question by assigning specific technologies to the students to investigate. Use http://w3c.org as the starting point.

2. The Internet Society Research

**a. Why was the Internet Society created?**

The Internet Society (ISOC) was formed in December 1992 by a number of people with long-term involvement in the IETF, including Vinton Cerf and Anthony Rutkowski. As a result, one of its principal rationales was to provide an institutional home for and financial support for the Internet Standards process. With the commercialization of the Internet, a fair and valid standards process independently supported was becoming more important. The mission of the Internet Society is "to assure the open development, evolution and use of the Internet for the benefit of all people throughout the world."

Sources: Multiple pages at the Internet Society's site (http://isoc.org, http://www.isoc.org/internet/history/ietfhis.shtml, http://www.wia.org/ISOC/, http://www.isoc.org/isoc/mission/)

**b. Determine the closest local chapter to your geographical area. Visit their web site. List the web site URL and an activity or service that the chapter provides.**

Student answers to this will vary. For example, if they lived in the Chicago Illinois area, the closest chapter is located in Chicago. The URL of their web site is http://www.isoc-chicago.org. The chapter meets regularly offering opportunities for networking. They have also had a joint meeting with the ISOC Chapter in Mexico.

Sources: Multiple pages at the Internet Society's site (http://isoc.org, http://www.isoc.org/isoc/chapters/, http://www.isoc.org/isoc/chapters/chapters.shtml)

**c. How can you join the Internet Society? What is the cost? Would you recommend joining the Internet Society to a beginning web developer? Why or why not?**

Both individuals and organizations can join the Internet Society. Visit http://www.isoc.org/isoc/membership/app/ to apply online. There is also a print application. Membership is free. I would recommend joining the Internet Society to a beginning web developer if there is an active local chapter. It could be a good opportunity for networking. (Student answers will vary.)

Sources: Multiple pages at the Internet Society's site (http://isoc.org, http://www.isoc.org/isoc/membership/, etc.)

3. WebProfessionals.org Research

**a. How can you join WebProfessionals.org? What does it cost to join?**

Anyone can become a member of WebProfessionals.org. WOW has a number of membership categories. See http://webprofessionals.org/join/ for categories and current membership fees.

**b. List one of the events that WebProfessionals.org participates in. Would you like to attend this event? Why or why not?**

See http://www.webprofessionals.org/community/events/ for a current list of events and conferences.

**c. List three ways that WOW can help you in your future career as a Web developer.**

See http://webprofessionals.org/join/why/ for a list of member benefits.

Web Research: Focus on Design

 Visit Any of the Web Sites That Interested You in the Chapter

1. What is the purpose of the site?
2. Who is their intended audience?
3. Do you believe they reach their audience?
4. Was this site useful to you? Why or why not?
5. List one interesting fact or issue that this site addressed.
6. Would you encourage others to visit this site?
7. How could this site be improved?

The answers to the questions above will be quite basic in the beginning of the course and should become more detailed and technical as the semester progresses. At this stage of the course, the goal of this question is to get the students thinking about web sites in a (most likely) new and different manner. Student answers will vary greatly.