**UNIT 2 Lab – HTML Basics**

**Apply Your Knowledge**

**1. Predict the Result.** Sketch out and briefly describe the web page that will be created with the following HTML code:

<!DOCTYPE html>

<html lang="en">

<head>

<title>Predict the Result</title>

<meta charset="utf-8">

</head>

<body>

<header><h1><i>Favorite Sites</i></h1></header>

<main>

<ol>

<li><a href="http://facebook.com">Facebook</a></li>

<li><a href="http://google.com">Google</a></li>

</ol>

</main>

<footer>

<small>Copyright &copy; 2016 Your name here</small>

</footer>

</body>

</html>

**2. Fill in the Missing Code**. The web page defined by the given code should display a heading and a description list, but some HTML tags, indicated by <\_>, are missing. Fill in the missing code.

<!DOCTYPE html>

<html lang="en">

<head>

<title>Door County Wildflowers</title>

<meta charset="utf-8">

</head>

<body>  
<header>**<\_>**Door County Wild Flowers**<\_>**</header> <main>  
<dl>

<dt>Trillium**<\_>  
<\_>**This white flower blooms from April through June in wooded areas.**<\_>**

**<\_>**Lady Slipper**<\_>  
<\_>**This yellow orchid blooms in June in wooded areas.</dd>

**<\_>**

</main>

</body>

</html>

**3. Find the Error**. All the text on the web page defined by the given code displays in large

and bold font typeface. Explain why this is happening.

<!DOCTYPE html>

<html lang="en">

<head>

<title>Find the Error</title>

<meta charset="utf-8">

</head>

<body>

<h1>My Web Page<h1>

<p>This is a sentence on my web page.</p>

</body>

</html>

**Hands-On Exercises**

1. Write the HTML to display your name with the largest heading element.
2. Write the HTML to create an absolute link to your school’s website.
3. Write the HTML for an unordered list to display the days of the week.
4. Write the HTML for an ordered list that uses uppercase letters to order the items. This ordered list should display the following terms: HTML, XML, and XHTML.
5. Think of a favorite quotation by someone you admire. Write the HTML code to display the person’s name in a heading and the quotation in a blockquote element.
6. Modify the following code snippet to indicate that the term “site map” should have strong importance:

**<p>A diagram of the organization of a website is called a site map.**

**A site map represents the structure, or organization, of pages in**

**a website in a visual manner. Creating the site map is one of the**

**initial steps in developing a website.</p>**

1. Modify the blockquote.html web page you created in Hands-On Practice 2.5. Config- ure the URL http://www.w3.org/WAI/ as a hyperlink. Save the file as blockquote2.html.
2. Create a web page that uses a description list to display three network protocols (see Chapter 1) and their descriptions. Include a hyperlink to a website that provides infor- mation about the protocols. Add an appropriate heading to the page. Save the page as network.html.
3. Create a web page about your favorite musical group. Include the name of the group, the individuals in the group, a hyperlink to the group’s website, your favorite three (or fewer if the group is new) CD releases, and a brief review of each CD.
   * Use an unordered list to organize the names of the individuals.
   * Use a description list for the names of the CDs and your reviews.

Save the page as band.html.

1. Create a web page about your favorite recipe. Use an unordered list for the ingredients and an ordered list to describe the steps needed to prepare the food. Include a hyper- link to a website that offers free recipes. Save the page as recipe.html.