1. Use HTML5 to create a document that contains the following text:

Internet and World Wide Web How to Program: Fifth Edition

Welcome to the world of Internet programming. We have provided coverage for

many Internet-related topics.

Write the first line in title. Use h2 and h4 for text (the second and third lines of text). Insert a horizontal rule between the h2 element and the h4 element. Open your new document in a web browser to view the marked-up document.

1. An image named deitel.png is 400 pixels wide and 300 pixels high. Write an HTML5

statement using the width and height attributes of the img element to perform each of the following transformations:

1. Increase the size of the image by 10 percent.
2. Increase the size of the image by 20 percent.

c) Change the width-to-height ratio to 3:1, keeping the width attained in part (a). [This

will distort the image.]

1. Create a link to each of the following:
2. The file home.html, located in the students directory.
3. The file home.html, located in the web subdirectory of the students directory.

c) The file home.html, located in the internet directory in your parent directory.

[Hint: .. signifies parent directory.]

d)The Vice President’s e-mail address ([vicepresident@whitehouse.gov](mailto:vicepresident@whitehouse.gov)).

e) The file named Demo in the install directory of ftp.dvdrom.com. [Hint: Use ftp://.]

1. Create an HTML5 document containing an ordered list of two items— soft drinks and fast food. Each ordered list should contain a nested, unordered list of your favorite variety. Provide three varieties in each unordered list.
2. Create an HTML5 document that contains links to your four favorite news web sites. Your page should contain the heading “My Favorite News Web Sites.” Click on each of these links to test your page.
3. Create the HTML5 markup that produces the table shown in Fig. 2.18. Use <em> and

<strong> tags as necessary. The image (camel.png) is included in the Chapter 2 examples directory.

