

5. Save the file as **MobileOilChange.html** in the Exercises folder for Chapter 4.
6. Close the file in your text editor and then use the W3C Markup Validation Service to validate it. Once the file is valid, open it in your Web browser.
7. Close your Web browser window.



Exercise 4-3

In this exercise, you create a document that uses a `<pre>` element to contain a phrase spoken by the robot in the 1960s television series *Lost in Space*.

1. Create a new document in your text editor.
2. Type the `<!DOCTYPE>` declaration, `<html>` element, document head, and the `<body>` element. Use the Strict DTD and "Lost in Space" as the content of the `<title>` element.
3. Add the following elements and text to the document body:

```
<pre>Danger, danger Will Robinson!  
My sensors indicate an intruder present.</pre>  
<p>Robot, from the 1960s television series,  
<cite>Lost in Space</cite>.</p>
```
4. Save the file as **Robot.html** in the Exercises folder for Chapter 4.
5. Close the **Robot.html** file in your text editor and then use the W3C Markup Validation Service to validate it. Once the file is valid, open it in your Web browser.
6. Close your Web browser window.



Exercise 4-8

In this exercise, you create a document that includes an image map of a person's head. Clicking each part of the head, such as an eye, ear, or nose, will open another Web page that contains a photo and definition of the selected body part.

1. Search the Internet for an image of a head that you can use as an image map, along with images of different parts of the head, such as an image of an eye, an image of an ear, and so on.
2. Create a new document in your text editor.
3. Type the `<!DOCTYPE>` declaration, `<html>` element, document head, and the `<body>` element. Use the Strict DTD and "Head Map" as the content of the `<title>` element.
4. In the document body, add a map of the head image you found. Use the appropriate shape for each hot zone. For example, use rect shapes for the ears and circle shapes for the eyes.
5. Save the file as **HeadMap.html** in your Exercises folder for Chapter 4.
6. Next, create Web pages for each of the hot zones you added to the head image. In each hot zone's Web page, include the image of the associated body part, along with a formal definition of it. (You can find a formal definition of each body part at <http://dictionary.reference.com>.) Be sure to cite the source

of each definition. Add links to each Web page to return to the **HeadMap.html** document. Save each Web page you create using the name of the body part, such as **Ear.html** or **Eye.html**.

7. Use the W3C Markup Validation Service to validate the files you created. Once the files are valid, open the **HeadMap.html** file in your Web browser and test the image map.
8. Close your Web browser window.

