

# Chapter Review

## 6-14b Apply: Case Problem 1

Data Files needed for this Case Problem: mi\_pricing\_txt.html, mi\_tables\_txt.css, 2 CSS files, 3 PNG files, 1 TXT file, 1 TTF file, 1 WOFF file

Marlin Internet Luis Amador manages the website for Marlin Internet, an Internet service provider located in Crystal River, Florida. You have recently been hired to assist in the redesign of the company's website. Luis has asked you to complete work he's begun on a page describing different pricing plans offered by Marlin Internet. A preview of the page is shown in Figure 6-49.

Figure 6-49  
Marlin Internet Pricing page

Marlin Internet

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### Accelerate with No Speed Traps

How do you use the web? Whether it's just you on your PC or your extended family simultaneously accessing the Internet for gaming, movie watching, surfing, or music, we have the speed for you — with no hidden fees, service charges, or other traps. **Marlin Internet** provides a broad variety of access plans at affordable prices with our exclusive IIS 2.0 technology. We provide more than fast access. Take advantage of our 24/7 customer support (personal help is always on the line), free security tools, email accounts for the whole family, and exclusive online content.

select a plan	Starter	Prime	Prime Plus	Ultra
	\$19.95 per month	\$29.95 per month	\$49.95 per month	\$69.95 per month
Download Speed	3 Mbps	15 Mbps	25 Mbps	50 Mbps
Upload Speed	512 Kbps	6 Mbps	10 Mbps	20 Mbps
Cloud Storage	2 GB	5 GB	15 GB	40 GB
E-mail Accounts	2 Accounts	3 Accounts	5 Accounts	10 Accounts
24/7 Support	Yes	Yes	Yes	Yes
Summary	Just the speed you need to send emails, download map directions, and search the Internet for restaurant reviews.	A great speed at a great price for the family: kids can play games, adults can pay bills, and everyone can surf at the same time.	Super speeds for multiple tasks that require more broadband capacity: ideal for gamers who need fast response times.	Perfect for a small business running multiple media streams, demanding reduced lag time and fast data delivery.

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Luis has already finished most of the page design. Your job will be to add a web table describing the different service plans and to write the CSS code to format the table's appearance.

Complete the following:

1

Using your editor, open the **mi\_pricing\_txt.html** and **mi\_tables\_txt.css** files from the `html06 ► case1` folder. Enter *your name* and *the date* in the comment section of each file, and save them as **mi\_pricing.html** and **mi\_tables.css** respectively.

2

Go to the **mi\_pricing.html** file in your editor. Add a link to the `mi_tables.css` style sheet file to the document head.

3

Directly after the paragraph in the `article` element insert a web table with the ID **pricing**.

4

Add a `colgroup` element to the web table containing two `col` elements. The first `col` element should have the ID **firstCol**. The second `col` element should belong to the class **dataCols** and span 4 columns.

5

Add a `thead` row group element containing two rows. In the first row, insert five `th` elements containing the text shown in [Figure 6-49](#). The first heading cell should span two rows. In the second row, add four heading cells containing the prices of the plans shown in [Figure 6-49](#). Use a `br` element to display the price information on two separate lines.

6

Add a `tfoot` row group element containing a single table row with a heading `th` element displaying the text **Summary**. Add four data `td` elements containing a description of each of the service plans. (Note: You can copy the summary text for each service plan from the `mi_data.txt` file in the `html06/case1` folder.)

7

Add a `tbody` row group element. In each row within the row group, add a `th` element containing the text shown in [Figure 6-49](#) and four `td` elements containing the data values for each plan.

8

Save your changes to the file and then return to the **mi\_tables.css** file in your editor.

9

Go to the Table Styles section and add a style rule for the `table` element that: a) sets the background color to a linear gradient that goes to the bottom of the table background starting from `rgb(190, 215, 255)` and ending in black and b) adds a 5-pixels solid gray border.

10

For every `th` and `td` element in the table, create a style rule that: a) adds a 3-pixel solid gray border, b) sets the line height to 1.4em, and c) sets the padding space to 8 pixels.

11

For every `th` element, create a style rule that: a) sets the background color to black, b) sets the font color to `rgb(130, 210, 255)`, and c) sets the font weight to normal.

12

For every `td` element, create a style rule that: a) sets the font color to white, b) sets the font size to 0.9em, and c) aligns the cell text with the top of the cell.

13

Go to the Column Styles section. Create a style rule for `col` elements with the ID `firstCol` that sets the column width to 24%.

14

Create a style rule for `col` elements belonging to the `dataCols` class that sets the column width to 19%.

15

Go to the Table Header Styles section. Create a style rule for the table header row group including every row within that row group that sets the row height to 60 pixels.

16

For the first `th` element in the first row of the table header row group, create a style rule that sets its font size to 2em. (Hint: Use the `first-of-type` pseudo-class to select the first table row and first heading cell.)

17

For `th` elements in the first row of the table header row group that are not the first heading cell, create a style rule that sets the background color to transparent and the font color to black. (Hint: use the `not` selector with the

`first-of-type` pseudo-class to select headings that are not first in the table row.)

18

Save your changes to the style sheet and then open the **mi\_pricing.html** file in your browser and verify that the table layout and design resemble that shown in [Figure 6-49](#).