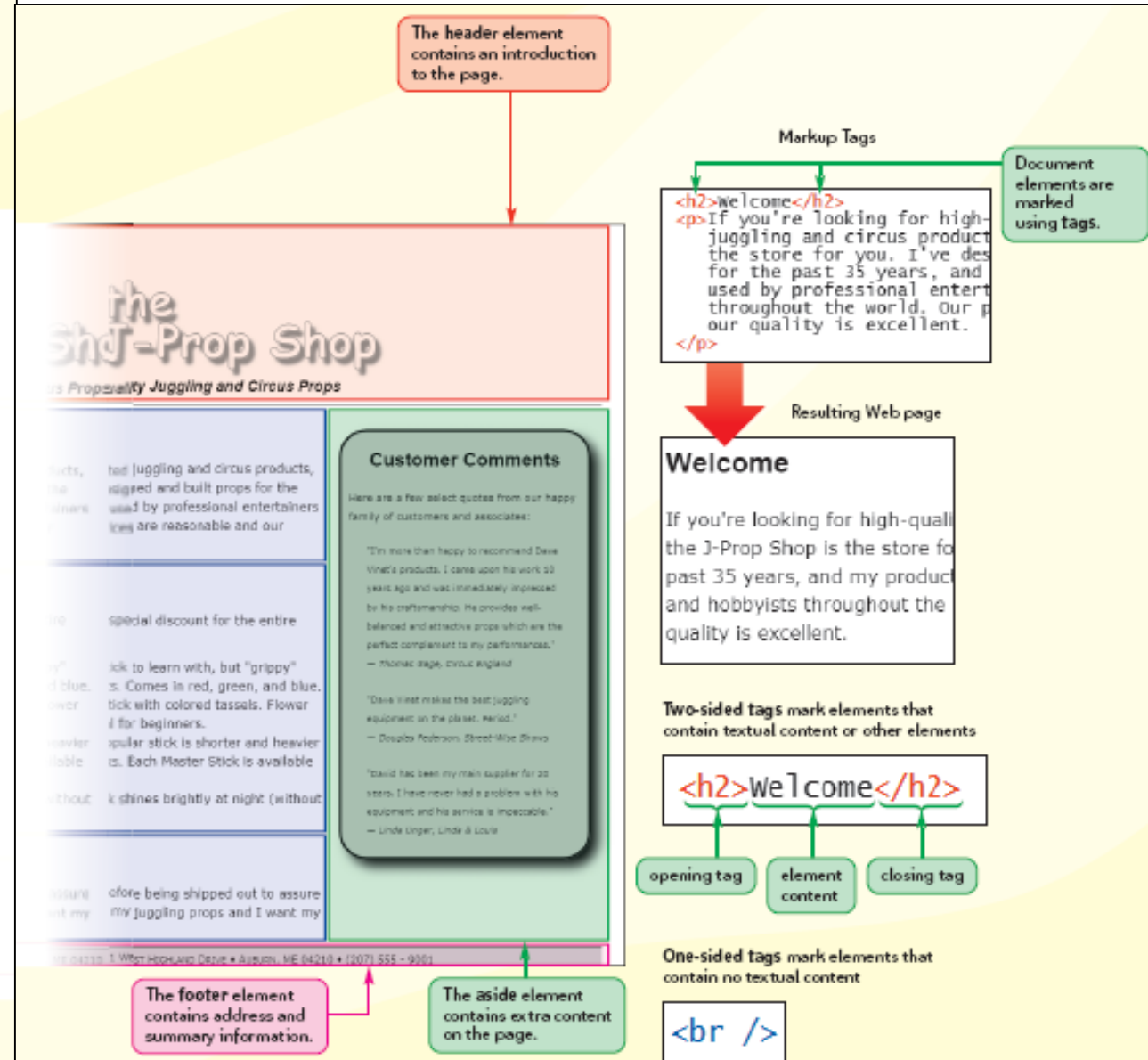
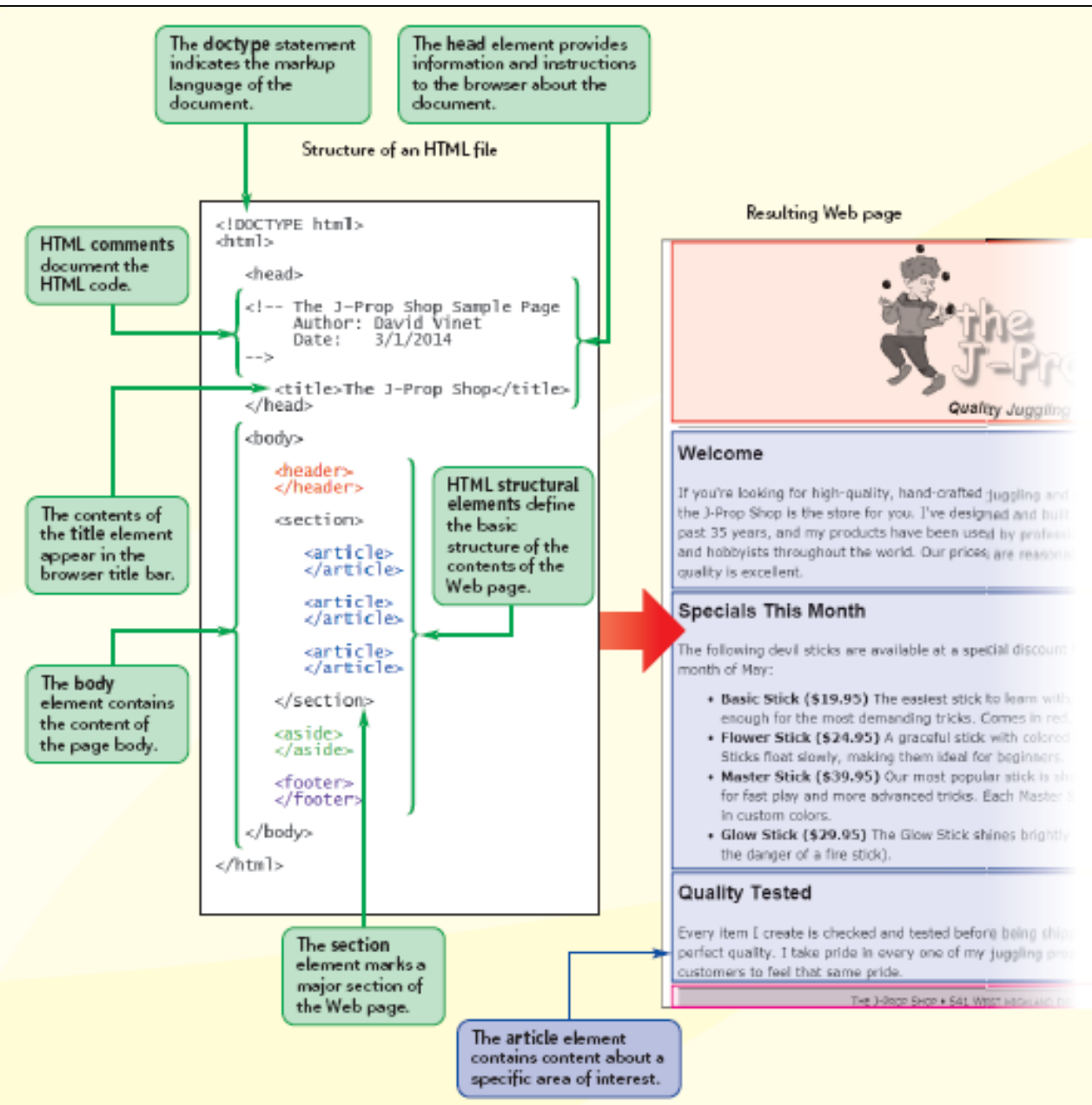


Tutorial 1: Getting Started with HTML5

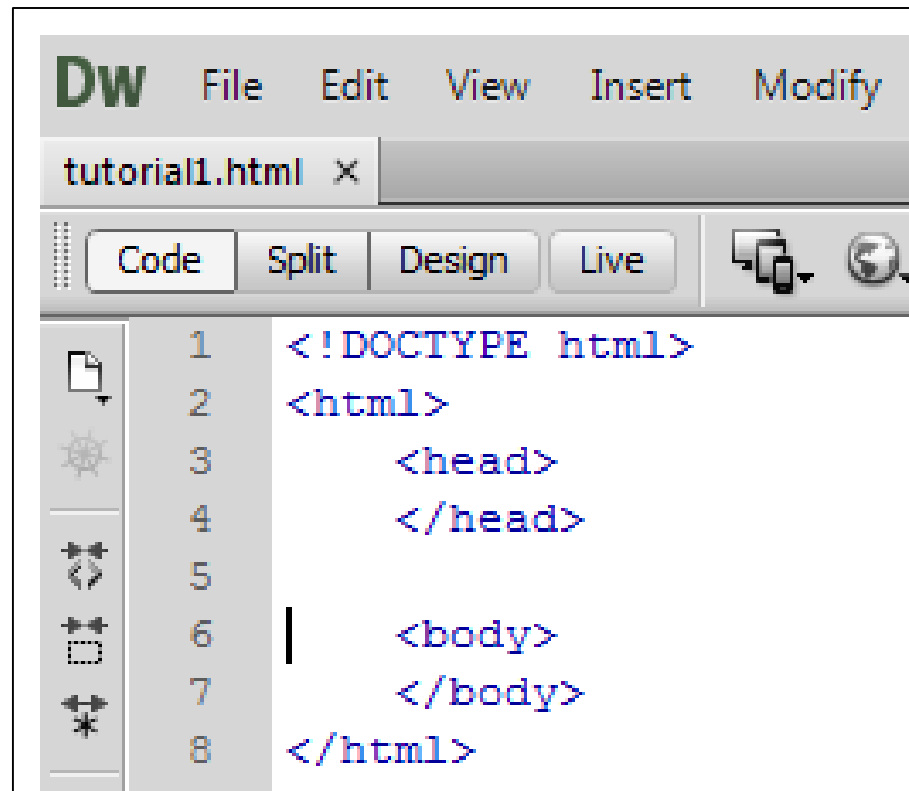
Creating a Product Page for a Small Business

VISUAL OVERVIEW



Create the basic structure of an HTML document

- Start your text editor, opening a blank text document
- Type the following lines of code in your document.



The screenshot shows the Adobe Dreamweaver interface with a file named 'tutorial1.html' open. The 'Code' view is selected, displaying the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3     <head>
4     </head>
5
6     <body>
7     </body>
8 </html>
```

The interface includes a menu bar (File, Edit, View, Insert, Modify), a toolbar with icons for file operations and live preview, and a left sidebar with icons for file explorer, site map, and other tools.

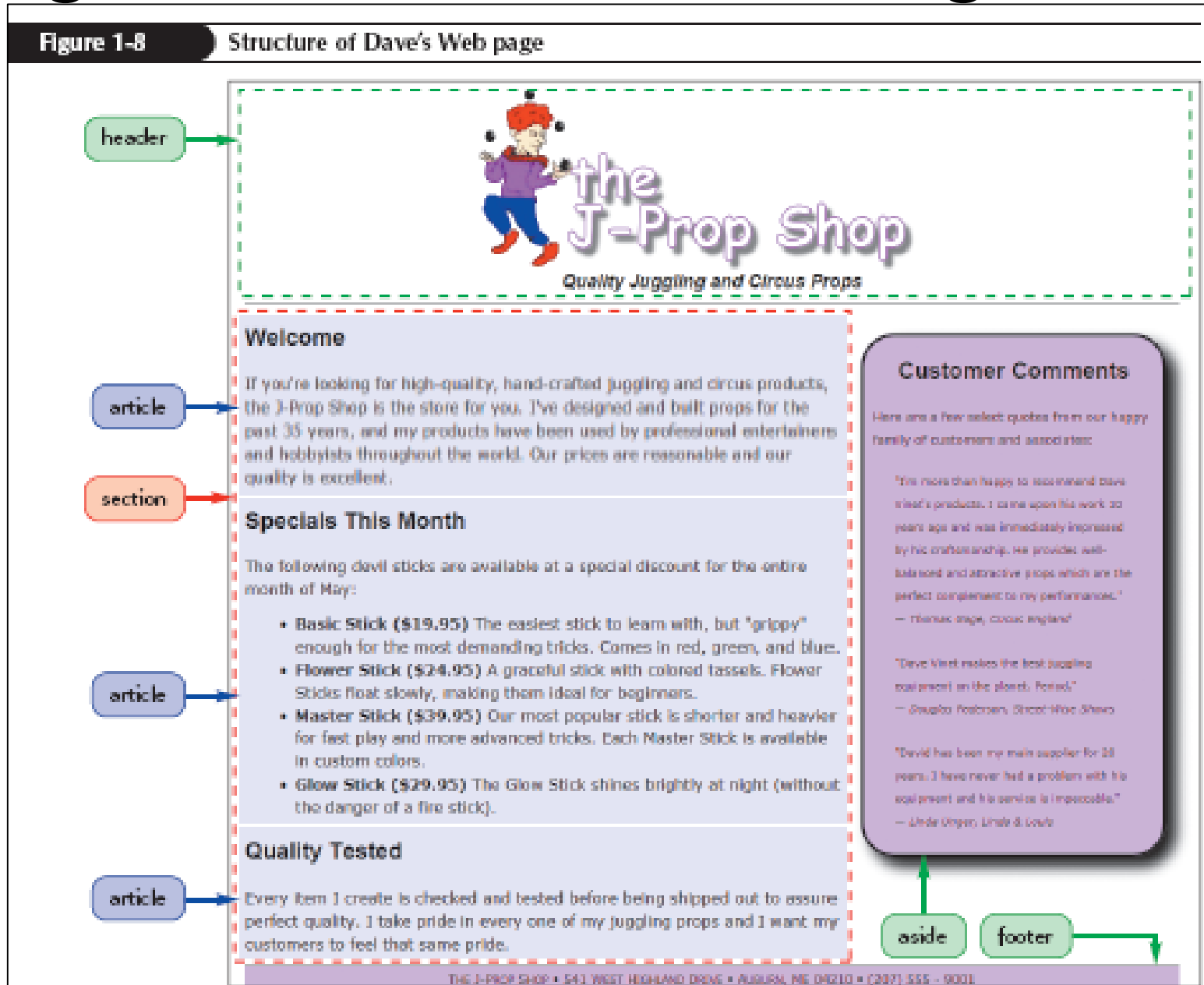
Add a title, comment to your Web page

- Click at the end of the opening <head> tag, and then press the Enter key to insert a new line in your text editor.
 - Type **<title>The J-Prop Shop</title>**
- Click at the end of the opening <head> tag, and then press the Enter key to insert a new line in your text editor directly above the opening <title> tag.

```
<!-- The J-Prop Shop Sample Page  
Author: your name  
Date: the date  
-->
```

- Save your changes to the **jprop.htm** file
- Start your Web browser

Defining the Structure of the Page Body



Working with HTML5 Structural Elements

HTML5 structural elements	
Structural Element	Description
<code>article</code>	A subsection covering a single topic
<code>aside</code>	Content containing tangential or side issues to the main topic of the page
<code>footer</code>	Content placed at the bottom of the page
<code>header</code>	Content placed at the top of the page
<code>nav</code>	A navigation list of hypertext links
<code>section</code>	A major topical area in the page

Insert the HTML5 structural elements

- Return to the **jprop.htm**
- Within the body element, insert the following tags
- Within the section element, insert the following code

```
<header>  
</header>
```

```
<section>  
</section>
```

```
<aside>  
</aside>
```

```
<footer>  
</footer>
```

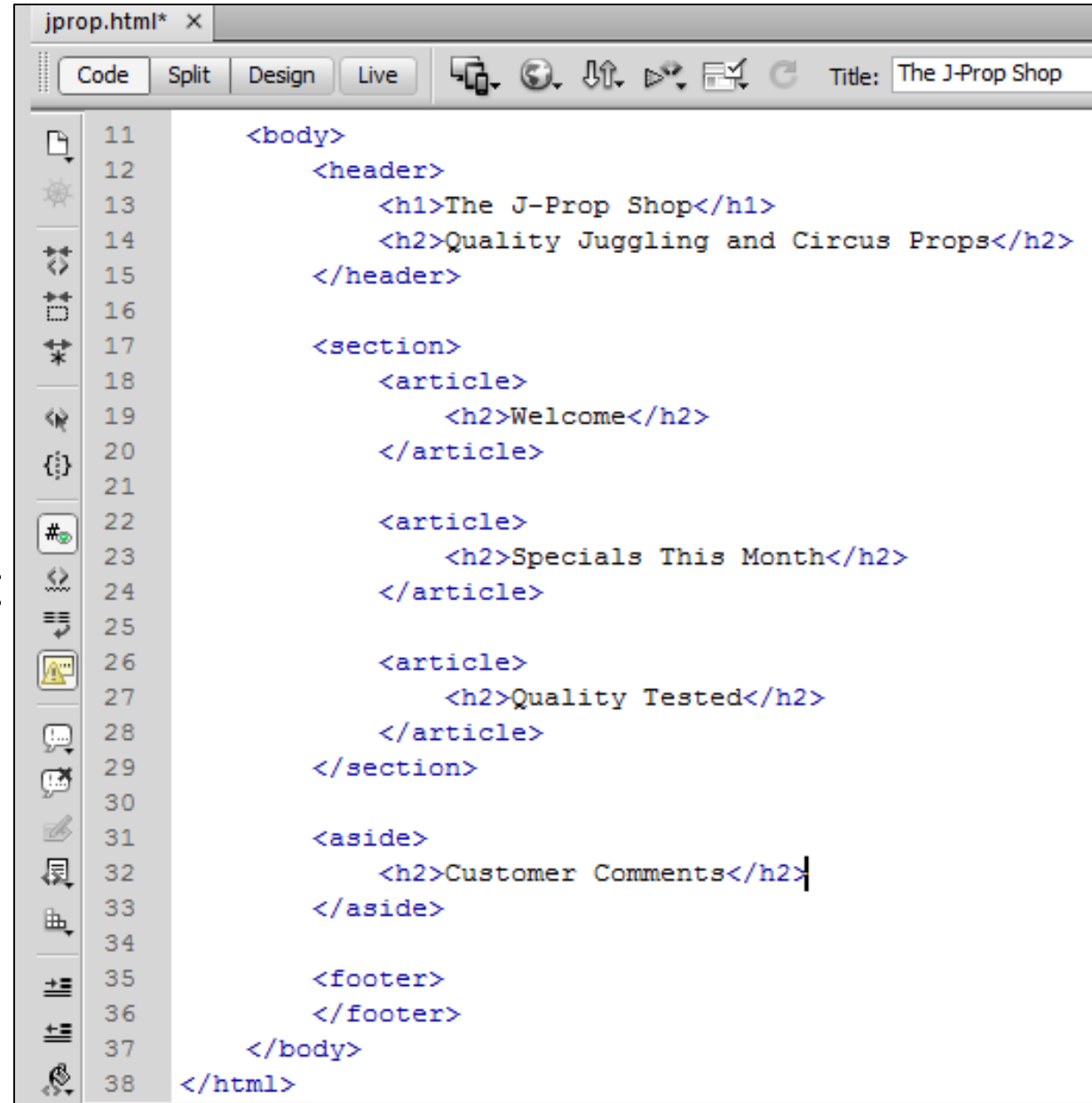
```
<article>  
</article>
```

```
<article>  
</article>
```

```
<article>  
</article>
```

Add headings to document

- Within the header element, insert the following tags:
 - <h1>The J-Prop Shop</h1>**
 - <h2>Quality Juggling and Circus Props</h2>**
- Within the first article element, insert the following h2 heading:
 - <h2>Welcome</h2>**
- Within the second article element, insert
 - <h2>Specials This Month</h2>**
- Within the third and final article element, insert
 - <h2>Quality Tested</h2>**
- Finally, within the aside element, insert
 - <h2>Customer Comments</h2>**

A screenshot of a web editor window titled 'jprop.html'. The editor has tabs for 'Code', 'Split', 'Design', and 'Live'. The 'Code' tab is active, showing HTML code. The code is as follows:

```
11 <body>
12   <header>
13     <h1>The J-Prop Shop</h1>
14     <h2>Quality Juggling and Circus Props</h2>
15   </header>
16
17   <section>
18     <article>
19       <h2>Welcome</h2>
20     </article>
21
22     <article>
23       <h2>Specials This Month</h2>
24     </article>
25
26     <article>
27       <h2>Quality Tested</h2>
28     </article>
29   </section>
30
31   <aside>
32     <h2>Customer Comments</h2>
33   </aside>
34
35   <footer>
36   </footer>
37 </body>
38 </html>
```

The editor also shows a toolbar with various icons and a title bar that says 'Title: The J-Prop Shop'.

Group the first two headings in the document

- Indent the first two headings in the document and then enclose them within `<hgroup>` tags

h1 and h2 headings
are grouped together

```
<body>
  <header>
    <hgroup>
      <h1>The J-Prop Shop</h1>
      <h2>Quality Juggling and Circus Props</h2>
    </hgroup>
  </header>
```

Add four paragraphs to Web page

- Directly below the h2 heading *Welcome*, insert the following paragraph code

```
<p>If you're looking for high-quality, hand-crafted juggling and circus products, the J-Prop Shop is the store for you. I've designed and built props for the past 35 years, and my products have been used by professional entertainers and hobbyists throughout the world. Our prices are reasonable and our quality is excellent. </p>
```
- Directly below the h2 heading *Specials This Month*, insert the following:

```
<p>The following devil sticks are available at a special discount for the entire month of May: </p>
```
- Directly below the h2 heading *Quality Tested*, insert the following:

```
<p>Every item I create is checked and tested before being shipped out to assure perfect quality. I take pride in every one of my juggling props and I want my customers to feel that same pride. </p>
```
- Finally, below the h2 heading *Customer Comments*, insert the following:

```
<p>Here are a few select quotes from our happy family of customers and associates: </p>
```

<section>

<article>

<h2>Welcome</h2>

<p>If you're looking for high-quality, hand-crafted juggling and circus products, the J-Prop Shop is the store for you. I've designed and built props for the past 35 years, and my products have been used by professional entertainers and hobbyists throughout the world. Our prices are reasonable and our quality is excellent. </p>

</article>

<article>

<h2>Specials This Month</h2>

<p>The following devil sticks are available at a special discount for the entire month of May: </p>

</article>

<article>

<h2>Quality Tested</h2>

<p>Every item I create is checked and tested before being shipped out to assure perfect quality. I take pride in every one of my juggling props and I want my customers to feel that same pride. </p>

</article>

</section>

<aside>

<h2>Customer Comments</h2>

<p>Here are a few select quotes from our happy family of customers and associates: |</p>

</aside>

Create the customer comment block quotes

- Scroll down to the aside element, and after the paragraph within that element, insert the following block quote

`<blockquote>`

`<p>"I'm more than happy to recommend Dave Vinet's products. I came upon his work 10 years ago and was immediately impressed by his craftsmanship. He provides well-balanced and attractive props which are the perfect complement to my performances." </p>`

`<p>"Dave Vinet makes the best juggling equipment on the planet. Period." </p>`

`<p>"David has been my main supplier for 20 years. I have never had a problem with his equipment and his service is impeccable." </p>`

`</blockquote>`

```
<aside>
  <h2>Customer Comments</h2>
  <p>Here are a few select quotes from our happy family
of customers and associates: </p>
  <blockquote>
    <p>"I'm more than happy to recommend Dave Vinet's
products. I came upon his work 10 years ago and was immediately
impressed by his craftsmanship. He provides well-balanced and
attractive props which are the perfect complement to my
performances."
    </p>
    <p>"Dave Vinet makes the best juggling equipment
on the planet. Period."</p>
    <p>"David has been my main supplier for 20 years.
I have never had a problem with his equipment and his service is
impeccable." </p>
  </blockquote>
</aside>
```

Add the J-Prop Shop address

- Scroll down to the bottom of the file, and then within the footer element insert the following code

<address>The J-Prop Shop

541 West Highland Drive

Auburn, ME 04210

(207) 555 – 9001

</address>

```
    <footer>
        <address>The J-Prop Shop 541 West Highland Drive
Auburn, ME 04210 (207) 555 – 9001
        </address>
    </footer>
</body>
</html>
```

Add an unordered list to Web page

- Within the *Specials This Month* article, directly below the p element, insert the following code

Basic Stick (\$19.95)

The easiest stick to learn with, but “grippy” enough for the most demanding tricks. Comes in red, green, and blue.

Flower Stick (\$24.95)

A graceful stick with colored tassels. Flower Sticks float slowly, making them ideal for beginners.

Master Stick (\$39.95)

Our most popular stick is shorter and heavier for fast play and more advanced tricks. Each Master Stick is available in custom colors.

Glow Stick (\$29.95)

The Glow Stick shines brightly at night (without the danger of a fire stick).


```
<article>
  <h2>Specials This Month</h2>
  <p>The following devil sticks are available
at a special discount for the entire month of May: </p>
  <ul>
    <li>Basic Stick ($19.95)
      The easiest stick to learn with, but
“grippy” enough for the most demanding tricks. Comes in red,
green, and blue.
    </li>
    <li>Flower Stick ($24.95)
      A graceful stick with colored tassels.
Flower Sticks float slowly, making them ideal for beginners.
    </li>
    <li>Master Stick ($39.95)
      Our most popular stick is shorter and
heavier for fast play and more advanced tricks. Each Master
Stick is available in custom colors.
    </li>
    <li>Glow Stick ($29.95)
      The Glow Stick shines brightly at night
(without the danger of a fire stick).
    </li>
  </ul>
</article>
```

Apply external style sheet

- Within the head element at the top of the file, insert the following link element

```
<link href="jpsstyles.css" rel="stylesheet" type="text/css" />
```

```
<!DOCTYPE html>
<html>
  <head>
    <!-- The J-Prop Shop Sample Page
    Author: your name
    Date: the date
    -->
    <title>The J-Prop Shop</title>
    |   <link href="jpsstyles.css" rel="stylesheet" type="text/css" />
  </head>
```

Link to the Modernizr file

- Scroll to the top of the file and add the following tag pair above the link element

```
<script src="modernizr-1.5.js"></script>
```


Mark strong text

- Scroll down to the unordered list and enclose the name and price of each product within a set of **** tags

```
<article>
  <h2>Specials This Month</h2>
  <p>The following devil sticks are available at a special
discount for the entire month of May: </p>
  <ul>
    <li><strong>Basic Stick ($19.95)</strong>
      The easiest stick to learn with, but "grippy" enough for
the most demanding tricks. Comes in red, green, and blue.
    </li>
    <li><strong>Flower Stick ($24.95)</strong>
      A graceful stick with colored tassels. Flower Sticks fl oat
slowly, making them ideal for beginners.
    </li>
    <li><strong>Master Stick ($39.95)</strong>
      Our most popular stick is shorter and heavier for fast play
and more advanced tricks. Each Master Stick is available in custom colors.
    </li>
    <li><strong>Glow Stick ($29.95)</strong>
      The Glow Stick shines brightly at night (without the danger
of a fire stick).
    </li>
  </ul>
</article>
```

Append customer names to the Customer Comments section

```
<aside>
  <h2>Customer Comments</h2>
  <p>Here are a few select quotes from our happy family of customers
and associates: </p>
  <blockquote>
    <p>"I'm more than happy to recommend Dave Vinet's products. I
came upon his work 10 years ago and was immediately impressed by his
craftsmanship. He provides well-balanced and attractive props which are the
perfect complement to my performances."
    <cite>Thomas Gage, Circus England</cite>
  </p>
    <p>"Dave Vinet makes the best juggling equipment on the planet.
Period."
    <cite>Douglas Pederson, Street-Wise Shows</cite>
  </p>
    <p>"David has been my main supplier for 20 years. I have never
had a problem with his equipment and his service is impeccable."
    <cite>Linda Unger, Linda & Louis</cite>
  </p>
</blockquote>
</aside>
```

Insert line breaks in the comments

- Insert the tag `
` between the comment and the citation for each of the three customer comments

```
<aside>
  <h2>Customer Comments</h2>
  <p>Here are a few select quotes from our happy family of customers
and associates: </p>
  <blockquote>
    <p>"I'm more than happy to recommend Dave Vinet's products. I
came upon his work 10 years ago and was immediately impressed by his
craftsmanship. He provides well-balanced and attractive props which are the
perfect complement to my performances."
      <br/>
      <cite>Thomas Gage, Circus England</cite>
    </p>
    <p>"Dave Vinet makes the best juggling equipment on the planet.
Period."
      <br/>
      <cite>Douglas Pederson, Street-Wise Shows</cite>
    </p>
    <p>"David has been my main supplier for 20 years. I have never
had a problem with his equipment and his service is impeccable."
      <br/>
      <cite>Linda Unger, Linda & Louis</cite>
    </p>
  </blockquote>
</aside>
```

Insert the company logo at the top of the page

- Go to the h1 heading element at the top of the body section, delete the text The J-Prop Shop from between the opening and closing <h1> tags, and then replace it with

**

```
<!DOCTYPE html>
<html>
  <head>
    <!-- The J-Prop Shop Sample Page
    Author: your name
    Date: the date
    -->
    <title>The J-Prop Shop</title>
    <script src="modernizr-1.5.js"></script>
    <link href="jpsstyles.css" rel="stylesheet" type="text/css" />
  </head>

  <body>
    <header>
      <hgroup>
        <h1></h1>
        <h2>Quality Juggling and Circus Props</h2>
      </hgroup>
    </header>
```

Add bullets and an em-dash to Web page

- Locate the customer comment from Thomas Gage, and then directly before the opening `<cite>` tag insert the character code **—** followed by a space.
- Repeat Step 2 for the two remaining customer comments
- Scroll down to the address element within the page footer. At the end of each line within the address (except the last line), insert a space followed by the **•** character entity.

```
    &#8212;<cite>Thomas Gage, Circus England</cite>
  </p>
  <p>"Dave Vinet makes the best juggling equipment on the planet. Period."
  <br/>
  &#8212;<cite>Douglas Pederson, Street-Wise Shows</cite>
  </p>
  <p>"David has been my main supplier for 20 years. I have never had a
  problem with his equipment and his service is impeccable."
  <br/>
  &#8212;<cite>Linda Unger, Linda & Louis</cite>
  </p>
</blockquote>
</aside>

<footer>
  <address>The J-Prop Shop &bull;
  541 West Highland Drive &bull;
  Auburn, ME 04210 &bull;
  (207) 555 - 9001
  </address>
</footer>
```

Specify the character encoding for document

- Scroll to the top of the file. Directly below the comment in the head section, insert the following meta element **<meta charset="UTF-8" />**
- Refresh the jprop.htm file in your Web browser to show the final content

**the
J-Prop Shop**
Quality Juggling and Circus Props

Welcome

If you're looking for high-quality, hand-crafted juggling and circus products, the J-Prop Shop is the store for you. I've designed and built props for the past 35 years, and my products have been used by professional entertainers and hobbyists throughout the world. Our prices are reasonable and our quality is excellent.

Specials This Month

The following devil sticks are available at a special discount for the entire month of May:

- **Basic Stick (\$19.95)** The easiest stick to learn with, but "grippy" enough for the most demanding tricks. Comes in red, green, and blue.
- **Flower Stick (\$24.95)** A graceful stick with colored tassels. Flower Sticks float slowly, making them ideal for beginners.
- **Master Stick (\$39.95)** Our most popular stick is shorter and heavier for fast play and more advanced tricks. Each Master Stick is available in custom colors.
- **Glow Stick (\$29.95)** The Glow Stick shines brightly at night (without the danger of a fire stick).

Quality Tested

Every item I create is checked and tested before being shipped out to assure perfect quality. I take pride in every one of my juggling props and I want my customers to feel that same pride.

Customer Comments

Here are a few select quotes from our happy family of customers and associates:

"I'm more than happy to recommend Dave Vinet's products. I came upon his work 10 years ago and was immediately impressed by his craftsmanship. He provides well-balanced and attractive props which are the perfect complement to my performances."
—Thomas Gage, *Circus England*

"Dave Vinet makes the best juggling equipment on the planet. Period."
—Douglas Pederson, *Street-Wise Shows*

"David has been my main supplier for 20 years. I have never had a problem with his equipment and his service is impeccable."
—Linda Unger, *Linda & Louis*

THE J-PROP SHOP • 541 WEST HIGHLAND DRIVE • AUBURN, ME 04210 • (207) 555 - 9001