Tutorial 12: *Programming with AJAX*
Textbook Corrections

1. **Pages JVS 752 – 754**

   There are coding errors in the figures on pages JVS 752, JVS 753, and JVS 754. Significant changes are needed in section 12.2 in order to display all of the news feeds along the right side of the web page.

   function RSSFeed(xmlDoc) needs to be modified to be the following coding:

```
/* constructor function for RSS news feeds */
function RSSFeed(xmlDoc) {

  // Retrieve the news feed title, link, and description
  var channel = xmlDoc.getElementsByTagName("channel")[0];
  var title = xmlDoc.getElementsByTagName("title")[0];
  var link = xmlDoc.getElementsByTagName("link")[0];
  var description =
          xmlDoc.getElementsByTagName("description")[0];

  this.title = title.firstChild.nodeValue;
  this.link = link.firstChild.nodeValue;
  this.description = description.firstChild.nodeValue;

  /* Constructor function for an RSS news item */
  function RSSItem(item, i) {
    var title = xmlDoc.getElementsByTagName("title")[i];
    var link = xmlDoc.getElementsByTagName("link")[i];
    var description =
            xmlDoc.getElementsByTagName("description")[i];
    this.title = title.firstChild.nodeValue;
    this.link = link.firstChild.nodeValue;
    this.description = description.firstChild.nodeValue;
  }

  // Create an array of news feed items
  this.items = new Array();

  var feedItems = channel.getElementsByTagName("item");
  for (var i = 1; i < feedItems.length + 1; i++) {
    var feedItem = new RSSItem(feedItems[i], i);
    this.items.push(feedItem);
  }
}
```

2. Pages JVS 763 – 764

On pages 763 and 764 the instructions direct students to upload the sbarchives.cgi file from their home computer to the cgi-bin folder located in the root folder in their Web server account.

Important: Students do not have access to the cgi-bin folder on the CLC Web Server so they **will not** be able to upload the sbarchives.cgi or sbkeywords.cgi files, nor will they be able to change the file attributes to allow the public to execute the file as shown in Figure 12-26.

The CLC Web Server already has the sbarchives.cgi and sbkeywords.cgi files in its cgi-bin. Therefore students can upload their *Tutorial 12* to the CLC Web server like all other tutorials and the CGI features will work.

If students elect to install the personal Web server named WampServer on their home computer they will be able to work with the sbarchives.cgi and sbkeywords.cgi files in the cgi-bin on their own computer.