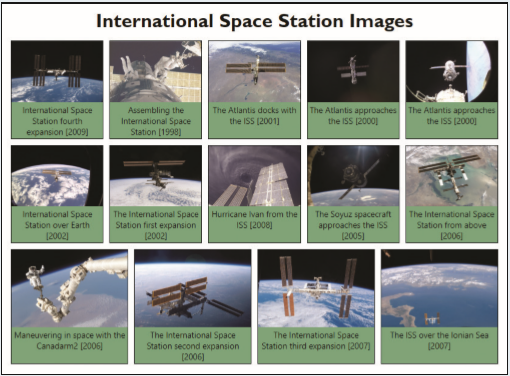
**Summary**

You are working on a JavaScript app to create a gallery of slide images. To create the gallery, you will apply a for loop that loops through an array of images and captions to create the HTML code for the figure elements. *Figure 10–34* shows a preview of the gallery.

[](https://cdn.filestackcontent.com/iElCnBbQUCquNv7iq0LX)

*Figure 10-34*

Open the files code10-1.html and gallery10-1.js and in the comment section enter your **name** (First + Last) and the **date** (MM/DD/YYYY) into the Author: and Date: fields of each file.

Open the code10-1.html file and within the head section insert a script element connecting the page to the gallery10-1.js file. Add the defer attribute to the script element to defer the loading of the script until after the contents of the page loads.

Open the gallery10-1.js file and below the code that creates and populates the captions array, declare the htmlCode variable, setting its initial value to an empty text string.

Create a for loop with a counter variable i that goes from **0** to **13** in increments of **1**. Each time through the for loop, add the following code to the value of the htmlCode variable:

<figure>  
        <img alt=' ' src='slidei.jpg' />  
        <figcaption>caption\_i</figcaption>  
</figure>

where i is the value of the counter variable and *caption\_i* is the value from the captions array with index number i.

After the for loop, change the inner HTML of the document element by the ID **gallery** to the value of the htmlCode variable.

Open the website in the browser preview. Verify that the page displays the 14 images in the slide gallery.