**HTML File**

**Setup**

Open the **bc\_union.html** and **bc\_today.js** files and enter ***your name*** and ***the date*** in the comment section of each file.

**Linking JS File**

Go to the **bc\_union.html** file. Directly above the closing </head> tag, insert a script element that links the page to the bc\_today.js file. Defer the loading of the script until after the rest of the page is loaded by the browser.

Study the contents of the file and then proceed to the next step.

You will not be tested on this instruction, but you should still complete this step.

**JavaScript File**

Go to the **bc\_today.js** file in your editor. At the top of the file, insert a statement indicating that the code will be handled by the browser assuming strict usage.  
Note that within the file is the getEvent() function, which returns the HTML code for the daily events at the union given a day number ranging from 0 (Sunday) to 6 (Saturday).

**Variable Declaration**

Declare the **thisDate** variable containing the Date object for the date October 12, 2018.

Declare the **dateString** variable containing the text of the thisDate variable using local conventions.

Declare the **dateHTML** variable containing the following text string  
<h2>date</h2>  
where date is the value of the dateString variable.

Create the **thisDay** variable containing the day of the week number from the thisDate variable.  
(*Hint*: Use the getDay() method.)

**Function Call**

Using the thisDay variable as the parameter value, call the getEvent() function to get the HTML code of that day’s events and store that value in a variable named **eventHTML**.

**Page Elements**

Applying the insertAdjacentHTML() method to the page element with the ID “unionToday”, insert the value of the dateHTML plus the eventHTML variables before the end of the element contents.

Document your code with descriptive comments.

**Verify**

Open the **bc\_union.html** file. Verify that the sidebar shows both the date “10/12/2018” formatted as an h2 heading and the daily events for that date formatted as a description list. Your content should resemble that shown in the figure below.

[](https://storage.googleapis.com/codevolve-assets/cengage/html-css3-carey-7th/Figure%209-42.png)

**Final Changes**

Return to the **bc\_today.js** file and test your code by changing the date in the thisDate variable from ***10/12/2018*** up to ***10/19/2018***. Verify that a different set of events is listed for each date when you build the website.

Return to the **bc\_today.js** file and change the value of the thisDate variable so that it uses the current date and time.

**Build**

Open the **bc\_union.html** file and click the **Build Website** button to show the date and the events for the current day of the week.

Review the webpage you have created on the right side of the screen.

**Validate**

You can use the [W3C HTML Validator](https://validator.w3.org/#validate_by_input) to ensure that your HTML files adhere to World Wide Web (W3) standards. This also helps improve the readability of your HTML files, making them easier to work with.