**Summary**

**Bridger College Student Union** - Sean Baris manages the website for the student union at Bridger College in Bozeman, Montana. The student union provides daily activities for the students on campus. As website manager, part of Sean’s job is to keep the site up to date on the latest activities sponsored by the union. At the beginning of each week, he revises a set of seven web pages detailing the events for each day in the upcoming week. Sean would like the website to display the current day’s schedule within an aside element. To do this, the page must determine the day of the week and then load the appropriate HTML code into the element. He would also like the Today at the Union page to display the current day and date. *Figure 9–45* shows a preview of the page he wants you to create.

[](https://cdn.filestackcontent.com/hqostqEDTGioenvZFfT2)*Figure 9-45*

## Document 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. Next, go to the bc\_union.html file and 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, then go to the bc\_today.js file and 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).

## Complete the JavaScript File

Declare the thisDate variable containing the Date object for the date **October 12, 2021**. 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.

Use the getDay() method.

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. 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.

Open the bc\_union.html file in the browser preview and verify that the sidebar shows both the date **10/12/2021** formatted as an h2 heading and the daily events for that date formatted as a description list. Your content should resemble that shown in Figure 9–45.

Return to the bc\_today.js file and test your code by changing the date in the thisDate variable from **10/13/2021** up to **10/19/2021**. Verify that a different set of events is listed for each date when you refresh the page in the browser preview.

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

Reload the bc\_union.html file in the browser preview to show the date and the events for the current day of the week.