

## Assignment 6

1. Go to the assignment\_6.html file in your editor. Within the head section insert link elements linking the page to the assignment\_6\_tables.css and assignment\_6\_columns.css.
2. Open the files assignment\_6.html. Add your name and the date to the files and do the following tasks.
  - Immediately beneath the <article> element, integrate a web table by utilizing the unique identifier "calendar".
  - Include a caption bearing the text "Calendar for September 2021".
  - Add a column group comprising two <col> elements. Designate the first <col> with the class name "weekdays" and have it span five columns. Assign the second <col> the class name "weekends" and make it span two columns.
  - Add the table header row group, constituting a single row with seven header cells. These cells should include the three-letter abbreviations for the days of the week, namely Sun through Sat.
  - Add the table body row group, featuring five rows and seven data cells within each row. Inside each data cell, input the following code to construct an <h1> header and a ***description list***, encapsulating details such as the day of the month, event name, event time, and admission price using information from the assignment\_6\_schedule.txt file. If a particular day lacks scheduled events, include only the <h1> header code. Start the calendar from August 29 and conclude it on September 11.
  - For every data cell within the table body, insert an attribute named "data-date" within the opening <td> tag. This attribute should hold the associated date information. For instance, the first cell should contain "data-date" value "Sun, Aug 29, 2021," followed by "Mon, Aug 30, 2021" for the subsequent cell, and so on. (Note: This data will be employed to showcase date information in the mobile layout).
3. Open the files assignment\_6\_tables.css and do the following tasks.
  - Within the "Mobile Styles" section, integrate a media query tailored for screen devices with a maximum width of 640 pixels.
    - To ensure a two-column display of calendar information on mobile devices, add style rules that:
      - Display <table>, <tbody>, <tr>, <td>, <th>, and <caption> elements as blocks.
      - Does not display the thead h1 element.
      - Present the table caption in white text on a medium gray background. The font size should be 1.5em, and the line height should be 2em.
    - Create a style rule for each data cell that:
      - Add a 1-pixel dotted gray border.
      - Adjust the text color to rgb(11, 12, 145).
      - Place the cell using relative placement.



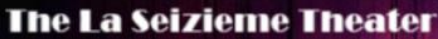
- Sets the left padding to 40%
  - Specify the minimum height as 40 pixels.
- Implement a style rule employing the nth-of-type pseudo-class to render every odd-numbered table row. These rows should have a background color of rgb(255, 235, 178) and a 2-pixel solid gray border.
- Create a style rule that inserts the text from the "data-date" attribute ahead of each data cell. This text should be positioned absolutely at coordinates (0, 0), have a width of 40%, and include 5 pixels of padding space.
- Subsequently, you'll design the calendar layout for tablet and desktop devices. Transition to the "Tablet and Desktop Styles" section and introduce a media query geared toward screen devices with a minimum width of 641 pixels.
  - Construct a style rule for the <table> element that:
    - Display the background image "lht\_photo1.png" without repetition in the bottom-right corner. The image width should be 40%.
    - Introduces a 6-pixel double border with the color value rgb(154, 64, 3).
    - Collapse the table borders.
    - Centralize the table by applying top/bottom margins of 20 pixels and left/right margins of "auto".
    - Adopt a fixed layout for the table content.
    - Set the table width to 85%.
  - For each heading and data cell, establish a style rule that:
    - Add a 1-pixel solid gray border.
    - Set the font size at 0.85em with normal weight.
    - Add 5 pixels of padding space.
    - Align the cell text with the top of the cell.
    - Specify the width as 14.28%.
    - Enables word wrapping within cells using the word-wrap property.
  - For every data cell, generate a style rule that:
    - Apply a semi-transparent background color with the value rgba(171, 171, 171, 0.6).
    - Set the text color to rgb(11, 12, 145).
- Create a style rule for data cells containing the "Sep" text in the "data-date" attribute. This rule should:
  - Modify the background color to a semi-transparent value, rgba(232, 214, 148, 0.6).
  - Add a gray inset box shadow with 0-pixel horizontal and vertical offsets and a blur of 20 pixels.
- Add a style rule for the table caption that:
  - Position the caption at the table's top.
  - Centralize the caption text.
  - Add 10 pixels to the bottom padding space.
  - Set the font size to 1.2em and the letter spacing to 3 pixels.
- For heading cells within the table header, establish a style rule that alters the background color to rgb(154, 64, 3) and the text color to white.



4. Open the files assignment\_6\_columns.css and do the following tasks.
  - Inside the "Column Styles" section, devise a style rule for the <article> element that:
    - Set the column width as 260 pixels.
    - Define a column gap of 20 pixels.
    - Add a 1-pixel solid dividing line between columns with the color value rgb(154, 64, 31).
    - Set a minimum size of 2 lines for widows and orphans.
  - Create a style rule for the <h1> heading within the <article> element, expanding the heading across all columns.
  
5. Compress ALL the HTML, CSS, and image files as a single **zip/rar** file with the name assignment\_6\_name\_id.zip/rar **where name is your first name and id is your student id** and submit it to Canvas.



## Result for your reference:



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## Coming Up at the La Seizieme Theater

September is set to bring a remarkable series of events to the La Seizieme Theatre. The *Broadway Touring Company* is staging three captivating shows of the acclaimed *West Side Story*, a Tony Award-winning musical. Tickets are in high demand, prompting you to secure yours promptly.

Experience a delightful Date Night with the *Chamberlain Symphony*, offering a special repertoire of classical melodies tailored for romance. Following that, immerse yourself in intellectual engagement by attending a presentation of Charles Dickens' timeless work, *The*

Mystery of Edwin Drood. The challenge lies in deciphering Dickens' intricate enigma, as the story remains unfinished.

Jazz enthusiasts have every reason to rejoice this September. On the 22nd, the *Jazz Masters* will grace the stage with their mesmerizing performance. Additionally, September 25th presents an opportunity to savor the musical legacy of The Duke, as the Jazz Company of Kansas City pays tribute to Ellington.

Prepare for a whirlwind of excitement at the Chamberlain Civic

Center in September. Witness the astounding artistry of the Taiwan Acrobats on the 3rd of the month. As the month concludes, brace yourself for a visit from the *Madtown Jugglers*, who seamlessly blend comedy, juggling, and an element of delightful chaos.

For a refined Sunday experience throughout September, indulge in a classical brunch accompanied by the soothing melodies of the *Carson Quartet*. As seating is limited, we recommend securing your table in advance to avoid disappointment.

Visitors  
Location  
Parking

Box Office  
Group Rates  
Events  
Tours  
FAQs

Foundation  
Board  
Donations  
Volunteering

Theatre La Seizieme  
1555 7e Avenue Ouest  
Vancouver, BC V6J 1S1



**Mobile layout:**

The La Seizieme Theater

September 2021 Calendar

Sun, Aug 29, 2021	Caron Quartet 1 pm \$12
Mon, Aug 30, 2021	Harlem Choir 8 pm \$18/\$24/\$32
Tue, Aug 31, 2021	
Wed, Sep 1, 2021	
Thu, Sep 2, 2021	
Fri, Sep 3, 2021	Taiwan Acrobats 8 pm \$24/\$32/\$48
Sat, Sep 4, 2021	Joey Galloway 8 pm \$24/\$32/\$48
Sun, Sep 5, 2021	Carson Quartet 1 pm \$12
Mon, Sep 6, 2021	
Tue, Sep 7, 2021	Ralph Williams 8 pm \$24/\$36/\$42
Wed, Sep 8, 2021	
Thu, Sep 9, 2021	West Side Story 7 pm \$36/\$48/\$64
Fri, Sep 10, 2021	West Side Story 7 pm \$36/\$48/\$64
Sat, Sep 11, 2021	West Side Story 7 pm \$36/\$48/\$64

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