


Lab2 Github link: [Lab2](#)

Exercise 1: [Github Page](#)

Exercise 2:



## Survey

If you have a moment, we'd appreciate it if you would fill out this survey.

### Your information:

First Name

Last Name

Email

Date of Birth

### How did you hear about us?

☐ Search engine ☐ Word of mouth ☐ Social Media ☐ Other

### Would you like to receive announcements about new CDs and special offers?

☐ YES, I'd like that.

☐ YES, please send me email announcements.

Please contact me by:

Submit

What

- A responsive survey form collecting user info (name, email, DOB), discovery source (radio), announcement opt-ins (checkboxes), and preferred contact method (select).
- Built with Bootstrap 4.6 + minimal custom CSS; submits via POST to result.html.

Why

- Practice semantic, accessible form design with built-in browser validation. Bootstrap ensures consistent styling and responsive layout with minimal CSS.
- Input types (email/date/radio/checkbox/select) improve data quality and UX.

How

- Linked Bootstrap CSS/JS via CDN; wrapped form in a Bootstrap container and card.
- Used required on key inputs; appropriate input types for validation and UX.
- Aligned labels/fields via small custom CSS (fixed label width, compact spacing).

- Grouped sections with headings; added logo and brief instructions at the top.

### Exercise 3:



### What

- A centered 3-column Flexbox layout: Sidebar A | Main content | Sidebar B, with a Header and Footer.
- White content box on orange background, with subtle borders to separate sections.
- Semantically structured with header, main, aside, and footer.


### Why

- Practice building a classic multi-column page using modern Flexbox (cleaner than floats/absolute positioning).
- Ensure the layout stays stable across zoom levels and screen sizes (fixes issues seen at other zooms).
- Improve readability and visual hierarchy with clear boundaries and consistent spacing.

### How

- Used Flexbox: parent `.wraparound { display: flex; }`; sidebars set to fixed width (150px); main area flex: 1. Centered the whole layout with `body { display: flex; justify-content: center; align-items: center; min-height: 100vh; }`.
- Avoided absolute positioning; used width: 700px for the white container and applied 2px borders (#d4af7a) for header/footer and main separators.
- Applied padding on sections for spacing; kept simple, responsive behavior by letting the main column grow while sidebars remain fixed.

## Exercise 4:



**San Joaquin Valley Town Hall**  
*Bringing cutting-edge speakers to the valley*

### This season's guest speakers

- October: [David Brancaccio](#)
- November: [Andrew Ross Sorkin](#)
- January: [Amy Chua](#)
- February: [Scott Sampson](#)
- March: [Carlos Eire](#)
- April: [Ronan Tynan](#)

### Looking for a unique gift?

Town Hall has the answer. For only \$100, you can get a book of tickets for all of the remaining speakers. And the bargain includes a second book of tickets for a companion.

Or, for \$50, you can give yourself the gift of our speakers, and still get an extra ticket for a companion, but for just one of the events.

See you at the next show?

**Contact us by phone** at (559) 555-1212 for ticket information.

### Lecture notes

#### Event change for November

SJV Town Hall is pleased to announce the addition of award-winning author Andrew Ross Sorkin. The appearance of previously scheduled speaker, Greg Mortenson, has been postponed.

#### Lecture day, time, and location

All one-hour lectures are on the second Wednesday of the month beginning at 10:30 a.m. at William Saroyan Theatre, 700 M Street, Fresno, CA.

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## What

- A two-column page for San Joaquin Valley Town Hall with:
  - Header (logo, title, tagline)
  - Main: right-to-left flex layout (aside with “Lecture notes” + section listing guest speakers and info)
  - Footer with copyright
- Styles in Exercise4.css using Flexbox, color scheme, and link states (including special styles for past dates and Scott Sampson).

## Why

- Practice semantic HTML5 structure (header, main, aside, section, footer) and modern layout with Flexbox.
- Improve readability and hierarchy: sidebar highlights announcements; main section focuses on season speakers and calls to action.
- Consistent branding with warm palette (orange/gold tones), legible typography, and clear link treatments (past dates greyed).

## How

- Layout:
  - `main { display: flex; flex-direction: row-reverse; }` to place the aside on the right visually while keeping it first in DOM for accessibility if desired.

- Fixed proportions: `aside { width: 30%; }` and `section { width: 65%; }`, with padding and borders for separation.
- Styling:
  - Header uses flex for logo + text alignment; title color and text-shadow for emphasis.
  - Sidebar background `#f8e1b6`; main links styled bold red; `.date_passed` dimmed grey; attribute selector colors Scott Sampson link.
  - Page constrained with `body { max-width: 1044px; margin: 0 auto; }`; boxes use box-sizing: `border-box`.
- Assets and meta:
  - Favicon linked; logo image loaded; semantic headings and lists for content structure.