

```
/* background: rgb(35,37,113);  
background: Linear-gradient(90deg, rgba(35,37,113,1) 49%, rgba(35,37,113,1) 51%);  
background-color: #ffffff;  
font-family: Sono, sans-serif;  
font-weight: 200;
```

TechLabs



CSS

```
25 justify-content: space-between;  
26 width: 100%;  
27 height: 90px;  
28 overflow:
```

Week 1 – Core Concepts

- **Day 1:** CSS Basics & Setup Inline/internal/external CSS, syntax (selector { property: value; }), comments, linking CSS to HTML, cascade & specificity intro, browser DevTools (inspect + styles panel).
- **Day 2:** Selectors & Colors Element, class, ID, universal, attribute selectors, combinators (> + ~), pseudo-classes (:hover, :focus, :first-child), color formats (named, hex, rgb, hsl, rgba).
- **Day 3:** Box Model & Typography Box model (content, padding, border, margin), box-sizing: border-box, width/height, margin collapse, font-family, font-size, line-height, font-weight, text-align, text-decoration/transform.
- **Day 4:** Backgrounds & Borders background-color/image/position/size/repeat, gradients (linear/radial), border-radius, border styles/width/color, box-shadow, outline vs border.
- **Day 5:** Positioning Basics Static, relative, absolute, fixed, sticky, z-index, top/right/bottom/left.

Week 2 – Layout Fundamentals

- **Day 6:** Display & Floats (Legacy Intro) display: block/inline/inline-block/none, float/clear (why avoid for modern layouts), overflow.
- **Day 7:** Flexbox Basics Flex container (display: flex), flex-direction (row/column), justify-content, align-items, flex-wrap.
- **Day 8:** Flexbox Advanced flex-grow/shrink/basis, order, align-self, gap, flex shorthand, centering tricks, responsive cards.
- **Day 9:** CSS Grid Basics display: grid, grid-template-columns/rows, fr unit, repeat(), minmax(), grid-gap (now gap).
- **Day 10:** Grid Advanced grid-template-areas, justify/align-items/content, auto-fit/auto-fill, spanning items, named lines.

Week 3 – Responsive Design & Media Queries

- **Day 11:** Units & Measurements Absolute (px) vs relative (% , em, rem, vw/vh), root font-size, calc(), clamp() for fluid typography.
- **Day 12:** Media Queries Basics @media (min-width/max-width), mobile-first approach, common breakpoints (576px, 768px, 992px, 1200px).
- **Day 13:** Advanced Responsive Techniques Media queries with orientation, prefers-reduced-motion, aspect-ratio, combining with Flex/Grid, container queries intro (if supported).
- **Day 14:** Custom Properties (Variables) :root { --primary: #007bff; }, var(--primary), fallback values, using in media queries, JS interaction basics.
- **Day 15:** Pseudo-Elements & Pseudo-Classes Deep Dive ::before/::after, content property, ::first-letter/line, :nth-child/nth-of-type, :not().

Week 4 – Transitions, Animations & Effects

- **Day 16** : Transitions transition-property/duration/timing-function/delay, shorthand, hover effects on color/size/shadow/transform.
- **Day 17** : Transforms translate/rotate/scale/skew, transform-origin, combining with transitions, 3D transforms (perspective, rotateX/Y/Z).
- **Day 18** : Keyframe Animations Basics @keyframes, from/to, percentages, animation-name/duration/iteration-count/timing-function/direction.
- **Day 19** : Advanced Animations animation-fill-mode/play-state/delay, multiple animations, stagger effects with :nth-child, infinite loops.
- **Day 20** : Modern Effects filter (blur/brightness/contrast), backdrop-filter, clip-path (polygon/circle), mix-blend-mode.

Week 5 – Professional Polish & Best Practices

- **Day 21** : Advanced Selectors & Specificity :has() selector, :where/:is, higher specificity control, BEM naming convention intro.
- **Day 22** : Performance & Optimization Will-change, contain, reducing reflows, critical CSS, font-display, image optimization in CSS.
- **Day 23** : Accessibility in CSS Focus styles, reduced motion, high-contrast mode, semantic styling, sr-only classes.
- **Day 24** : CSS Architecture & Methodologies Utility classes (like Tailwind basics), SMACSS/BEM/OOCSS concepts, organizing CSS files.
- **Day 25** : Full Workflow Recap & Practice End-to-end: Start with HTML structure -> apply mobile-first CSS -> Flex/Grid layouts -> responsive breakpoints -> animations -> polish/accessibility.

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