# Day 1: Forms, i‑frames, Audio & Video Tags, CSS Positioning, Selectors, Z‑index, Flexbox & Grid – Task + Output‑Oriented UI

## Topics:

* Forms
* i-frames
* Audio & Video Tags
* CSS Positioning (static, relative, absolute, fixed, sticky)
* Selectors (element, class, id, attribute)
* z-index
* Flexbox
* Grid

## Task: Build a "Responsive Multimedia Form Page"

### Features:

1. ✅ \*\*Forms\*\*: Create a multi-field form (text, email, checkbox, radio, textarea) with validation.
2. ✅ \*\*i-frame\*\*: Embed an external webpage or map using the <iframe> tag.
3. ✅ \*\*Audio & Video\*\*: Include audio and video with controls and fallback text.
4. ✅ \*\*CSS Positioning\*\*: Use various position properties to place elements precisely.
5. ✅ \*\*Selectors\*\*: Apply element, class, id, and attribute selectors for styling.
6. ✅ \*\*z-index\*\*: Layer elements (e.g., form overlay on a background image) using z-index.
7. ✅ \*\*Flexbox & Grid\*\*: Build a responsive layout that adapts across screen sizes.

### 💻 Sample Output in Browser Console:

[Form Submission] Name: John Doe, Email: john@example.com  
[i-frame Loaded] https://www.example.com  
[Audio] Played: song.mp3 | Duration: 120s  
[Video] Played: video.mp4 | Resolution: 720p  
[Layout] Columns collapsed on mobile breakpoint

## Suggested Folder Structure

/day-1-multimedia-form/

* │
* ├── index.html # Main HTML file with form, iframe, audio & video elements
* ├── styles/
* │ └── main.css # All CSS (positioning, selectors, z-index, flexbox, grid)
* ├── scripts/
* │ └── app.js # Form validation and console.log outputs
* ├── assets/
* │ ├── audio/ # Audio files
* │ └── video/ # Video files
* └── README.md # Project overview and instructions