Chapter 10 - Jo dikhta hai vo bikta hai

Theory:
- Explore all the ways of writing css.
  There are **3 main ways** to write CSS:
  ☑ **Inline CSS**
  Written directly in the HTML element using the style attribute.
  <h1 style="color: blue;">A Blue Heading</h1>
  ☑ **Internal CSS**
  Written inside a <style> tag in the <head> section of the HTML file.
  <style>
    h1 { color: blue; }
  </style>
  ☑ **External CSS**
  Linked via a <link> tag to an external .css file.
  <link rel="stylesheet" href="styles.css">

- How do we configure tailwind?
  Tailwind CSS configuration steps:
    o **Create a project** (if not already).
    o **Install Tailwind** via npm:
      - `npm install tailwindcss`
    o **Initialize the config file**:
      - `npx tailwindcss init`
      - This creates `tailwind.config.js`.
    o **Configure the file** (optional customization like colors, spacing).
    o **Create a CSS file** and import Tailwind:
      - `@import 'tailwindcss/base';`
      - `@import 'tailwindcss/components';`
      - `@import 'tailwindcss/utilities';`
    o **Build the CSS** using a bundler (e.g., Webpack).
    o **Use Tailwind utility classes** in your HTML/JSX.

- In tailwind.config.js, what does all the keys mean (content, theme, extend, plugins)?
  Specifies the files Tailwind should scan to generate CSS classes.
  `content: ["./src/**/*.html", "./src/**/*.js"]`

- Why do we have .postcssrc file?
  The .postcssrc or postcss.config.js file is for **PostCSS**, a tool used to process CSS with plugins.
  📌 **Key purposes:**
- **Configure plugins** (e.g., autoprefixer, cssnano, etc.)
- **Customize PostCSS behavior**.
- **Maintain and organize** CSS build settings separately.

- **Share config** easily across projects.
☑ **Example:**

```
module.exports = {
  plugins: {
    autoprefixer: {},
    'postcss-preset-env': {
      stage: 3,
      features: { 'nesting-rules': true },
    },
    cssnano: { preset: 'default' },
  },
};
```

Coding:
- Configure Tailwind and try to build your whole app using tailwind.

References:
- https://styled-components.com/
- https://tailwindcss.com/
- https://getbootstrap.com/
- Material UI - https://mui.com/