

Class Notes

1. Anchor Tag (Hyperlink): Used to create clickable links in HTML.

- Syntax: `Link Text`
- href: Specifies the destination URL (required attribute).
- Can link to:
 - External websites (e.g., `https://google.com`)
 - Internal pages (e.g., `about.html`)
 - Page sections using ID (e.g., `#contact`)
 - Email using `mailto:`
 - Phone number using `tel:`
 - PDFs, docs, images, downloads, etc.

2. target attribute – Controls where the linked document opens:

- `_blank`: Opens link in a new tab or window.
- `_self`: Opens link in the same tab (default behavior).
- `_parent`: Opens in parent frame (for nested frames).
- `_top`: Opens link in the full body of the window (breaks out of frames).

3. Stages of Anchor Tag (Link Colors):

- **Sky Blue**: Not visited link (default color for unvisited links).
- **Red**: Active link (while being clicked).
- **Purple**: Visited link (after user has clicked).

4. Path Reference Rules:

- `.` (Single dot): Refers to current directory. Suggestions appear from same folder.
- `..` (Double dot): Refers to parent folder. Used to go back one directory level.

5. **Download Attribute:** Used to download a file instead of opening it.

- Example: `Download PDF`

6. **Linking to Page Sections (ID Based Linking):**

- Create an ID on the target element: `<h2 id="about">About Us</h2>`
- Create anchor: `Go to About Section`

7. **Email & Phone Links:**

- Email: `Send Email`
- Phone: `Call Us`

8. **Anchor tag can also be used as a button (for navigation):**

- You can style anchor like a button using CSS: `Click Me`

9. **Best Practices:**

- Always use `https://` for secure links.
- Use descriptive link text instead of "click here".
- Use `rel="noopener noreferrer"` with `target="_blank"` for security.