2 0 2 5

01 WEDNESDAY [DAY (001 - 364) / WEEK - 01 ST]

JANUARY
Week	M	T	W	T	F
01			1	2	3
02	6	7	8	9	10
03	13	14	15	16	1
04	20	21	22	23	2
05	27	28	29	30	3

metadata- is essentially "data abt. data". It provides additional information about a particular piece of data, helping to organize, manage & understand the information

Schedule

What is HTML?
- HTML = HyperText Markup ~~lavo~~ Language
- Used to structure web pages
- Not a programming language
- Uses tags to describe content.

10:00 • <u>Basic HTML Structure :-</u>

```
<!DOCTYPE html>     ⟹ tells ⊕ browser its HTML
<html>
<head>              ⟶ metadata (not visible)
    <title> Page Title </title>
</head>
<body>              ⟶ actual content.
    content visible on the page
</body>
</html>
```

- <u>Tags & elements -</u>
  - Tag : <p>   e.g.- <p>Paragraph</p>
  - Element : <p> Hello </p>
  - Most tags come in pairs   <img src = "img.jpg">
  - Some tags are self-closing.

- <u>Headings & Text -</u>
  ```
  <h1> Largest Heading </h1>
  <h6> Smallest Heading </h6>

  <p>This is a paragraph </p>
  ```
  - Use only one <h1> per page.
  - Use headings in order (h1 → h2 → h3)

Schedule

- <u>**Links & Images**</u> –

<u>**Links**</u> –

08:00
```html
<a href="https://example.com">Visit</a>
```

09:00
- o href ⟹ link address
- o target ="_blank" → open in new tab

10:00

<u>**Images**</u> –

11:00
```html
<img src="photo.jpg" alt="My photo">
```

12:00
- alt → important for accessibility

13:00 • <u>**Lists**</u> –
- Unordered (bullets)

14:00
```html
<ul>
    <li>Item</li>
```

15:00
```html
</ul>
```
Ordered (numbers)

16:00
```html
<ol>
    <li>Step</li>
```

17:00
```html
</ol>
```

18:00 • <u>**Tables**</u> –
```html
<table border="1">
```

19:00
```html
    <tr>
        <th>Header</th>
```

20:00
```html
    </tr>
    <tr>
```

21:00
```html
        <td>Data</td>
```
```html
    </tr>
```

Eve.
```html
</table>
```

- <tr> ⟹ row
- <th> ⟹ header cell
- <td> ⟹ data cell

2 0 2 5

JANUARY

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03 FRIDAY [DAY (003 - 362) / WEEK - 01 ST]

Schedule • **Forms & i/ps -**

```
<form>
    <input type="text">
    <input type="email">
    <textarea></textarea>
    <input> type="submit">
</form>
```

Common input types -

- text
- email
- password
- number
- radio
- checkbox

• **Semantic HTML (Very important)**

Use meaningful tags -

```
<header> Top section </header>
<nav> Navigation </nav>
<main> Main content </main>
<section> Content section </section>
<footer> Bottom section </footer>
```

○ **Helps -**
- Readability   - SEO   - accessibility

• **Attributes (small but important) -**

```
<tag attributes="value"></tag>
```

Common attributes -
- id - unique
- class - reusable
- src - image / file source
- href - link
- alt - image description

Schedule

• File naming rules -
  — index.html ✓
08:00
  — lowercase names ✓
  — ~~spaces~~ not spaces   — not random capitals

09:00

• ~~Folder structure~~   Common mistakes -
10:00
  — Forgetting to close tags
  — ~~to~~ Using multiple < h1 >
11:00
  — skipping 'alt' in images
  — Messy indentation
12:00
  — writting everything in < div >.

13:00
HTML = Structure only
  Styling - CSS
14:00
  Logic - JS
  database - Backend
15:00

• HTML is the skeleton, CSS is the skin, JS is the brain

16:00

17:00

18:00   05 SUNI

19:00

20:00

21:00

Eve.