HTML

HyperText Markup Language
↓
Hyper Text Markup Language
Hyper Text Markup Content

* HTML → Structure / Skeleton
  ↳ Content
  ↳ description & web page

CSS → Formatting / Styling

Java Script → Functionality

Front End Developer:
HTML → Structure / Skeleton
CSS → Look & Website
JS → Look & Functionality

* Tags → Title Paragraph Heading Paragraph Line Elements

 <h1>
 <b>
↓ ↓ ↓ ↓
Tag Tag Tag Tag

Hello → Opening Tag, Content, Closing Tag

* HTML tags are non Case Sensitive

 = <P> ✓

 =
 ✓

* Comments → * Comments are added like <!-- Comment -->

* Block & Inline Elements

Block
 <h1>
 <ul> <ol>
<li> <table> <tr> <td> <form>
etc

Inline
<b> <u> <a> <input>

etc

* Block elements take the width from available space, extend to full

* Inline elements take space as required by the content

* div Tag

It does not affect the flow of the content until style is added. In the actually, display is only id tag. Content you can text

 ...

* empty tag → All closing tags are true

, <hr />, <meta />

* Lists → * unordered → <ul> → <li>, <li>, <li>
<ul>
<li> ... </li>
<li> ... </li>
</ul>

* ordered → <ol> → <li>, <li>, <li>
<ol>
<li> ... </li>
<li> ... </li>
</ol>

* Description Lists →
<dl>
<dt>Beast of Bodmin</dt>
<dd>A large feline inhabiting Bodmin Moor.</dd>
<dt>Wyvern</dt>
<dd>A two-legged wyvern.</dd>
<dt>Manticore</dt>
<dd>A giant cat-like creature.</dd>
</dl>

Output
Beast of Bodmin
A large feline inhabiting Bodmin Moor.
Wyvern
A two-legged wyvern.
Manticore
A giant cat-like creature.

* Attribute
<tag id="">
id → Attribute

* Class → Attribute → Class
<tag="">
Attribute → Class → Attribute

* Attribute provide additional information about element

* id vs Class

* id is unique (unique use id's instead use class)
* Class is not unique (it can used class into other)
Style is being used multiple times (like first id)

* H1 - H6
Headers Line Sizes

* Pre Tag

* Pre supports preformatted text which is to be represented exactly as written in the HTML file

* supports only one space or multiple but space supports only one blank space.

 of 4 spaces
Text Text Text
Line

Text Text Text Line Break

<pre> of 4 spaces
Text Text Text
Line

Text
Line

This problem is also known as Pre Problem

* Table
Pre Problem while using tables

Header	Table
1	Text
2	Text
3	Text
Total	Text

→ Without <th></th>
→ <th> tag → <th></th>
→ Without <th></th>

<table>
<tr>
<th> Header </th>
<th> Table </th>
</tr>
<tr>
<td> 1 </td>
<td> Text </td>
</tr>
<tr>
<td> 2 </td>
<td> Text </td>
</tr>
<tr>
<td> 3 </td>
<td> Text </td>
</tr>
<tr>
<td> Total </td>
<td> Text </td>
</tr>
</table>

→ Problem Caption for Pre Table

* Forms
using forms inside a div is an better approach. But that we can also give styling text

* <a>

① <a href="https://www.google.com" alt="Google" title="Google">
② <a href="tel:+91 1111111111" > Call me</a>
③ <a href="mailto:VRPSmail.com" > mail us</a>

④ Back button

There are Constant using <a>

Start <a id="Pavo" > text: <a>
To go to 100 text we should write
<a href="#Pavo" > go to <a>

* But the transition of text smooth the make
* Smooth we should add style

```
html {
    scroll-behavior : smooth
}
```

* Semantic Tags

* Tag provide meaning to each page

* header, footer, section, article, aside, nav

* header: heading

* section: grouping similar content
Start with grouping

* article → Independent Content

* nav → Contains main section links

* aside → Contains side links, ads etc

<header>
<nav>
<section>
<aside>
<article>
<footer>

* Images → Wisely