HTML :— [HTML Basics-1]   DAY :- 01

Hypertext   Markup   Language

↓
Diff. pages
linked together
(one web page
is linked to
another page)

annotations/tags
used to
markup content
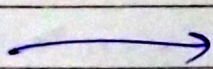
→ What HTML
Stands for.

Html :— Basic Building block.
↳ skeleton
→ description of web page

→ What is HTML?

CSS :— formatting / appearance

JS :— functionality.

| Html doc | → | (Browser) | → web page. |

render

→ Why it is needed?

Tags :—

⇒ It is an annotation which tells your browser, how
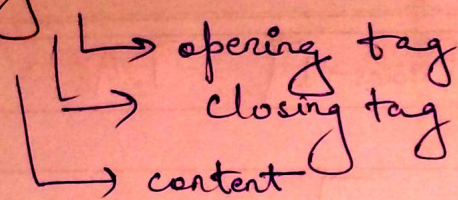to render different element

. Eg;
     <p> → paragraph.
     <h1> → heading
     <img> → image
     <a> → link.

Tag Consists :—
└→ opening tag
└→ closing tag
└→ content

→ Element

Eg:— <h1> Namaste Dunia </h1>
       └ Opening   └ content   └ closing
          tag   tag.

⇒ Comment :—
    <!-- blah -->

⇒ HTML is not case sensitive.
⇒ HTML doc can be opened in two ways.

Text Element :—

→ 100+ html tags exist.
         [Yaad mt kro -- google kro] :)

HTML text element
    |
Block Element   Inline Element   → used to differentiate specific part

para → <p>   <em> → emphasize
heading → <h1> —— <h1>   <strong> → Boldify
         <article>   <a> → for links
         <section>
list → ,

Homework :
    MDN doc. website, [Explore]
         ^

⇒ Empty Tag. → Self closing tag
    Eg.,
            <img/>
            <input/>

Some tags :—

```
<h1> Heading <h1/>
<p> Paragraph <p/>
<br/>
<div> id = "Ramesh"> This is div </div>
```

List :—

↳ Ordered list
→ Unordered list
→ Description list ·—→ | Homework |

Ans

```
<dl> → description list.
It includes <dt> → terms
<dd> description
        ↳
used for implementing a
glossary.
```

Code :—

```
<!DOCTYPE html>
<html>
<body>
```

For ordered list ↑

```
    <h1> Grocery List: </h1>
    <ol>
        <li> Chini </li>
        <li> Peanut Butter </li>
        <li> Sugar Free </li>
    </ol>
</body>
</html>
```

For unordered list ↑

```
<h2> 2nd Grocery List: </h2
<ul>
    <li> Maggie </li>
    <li> Makkhan </li>
    <li> totu </li>
```

Attributes :— Property (provide additional info about element).

All html elements can have attributes.

→ (exception) → Homework.
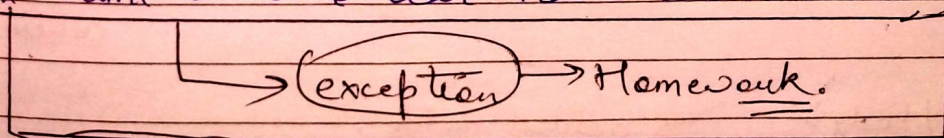
id ⟶ all element

class ⟶ all element

src ⟶ img (only apply en)

href ⟶ "a" tag (only apply en).

Code :-

```
<img
   src = "tofulelo.jpeg"      ⟶ saved in desktop (name of img)
   alt = "Tofu Picture"       ⟶ In case image can't be seen
   width = "100"                 This will be shown :
   height = "100"               text
                              ⟶ set size of img.
/>
```

⟶ Invalid Syntax

ABOUT HTML CODE

<!DOCTYPE ~~HTML~~ html> tells your browser that its html 5.

<html lang="en"> ⟶ tells content of web page is in English.
   attribute   [en - IN] ⟶ for Indian English.

<head>   </head> ⟶ meta data
                        ⟶ data of data

                                            Eg., <title>
                                                 <style>
                                                 <script>
                                                 other.

<body>   </body> ⟶ actual data.

meta tag ⟶ define meta data about HTML doc
             ⟶ always go inside head tag
             ⟶ used to specify ⟶ Character set
                                 ⟶ page description ⟶ author
                                 ⟶ Keywords   ⟶ viewport

[utf-8-:- character Encoding (like ASCII)]

NOTE :- 90% webpages uses utf-8.

NOTE :- Viewport → area visible to your screen

width = device-width.