HTML
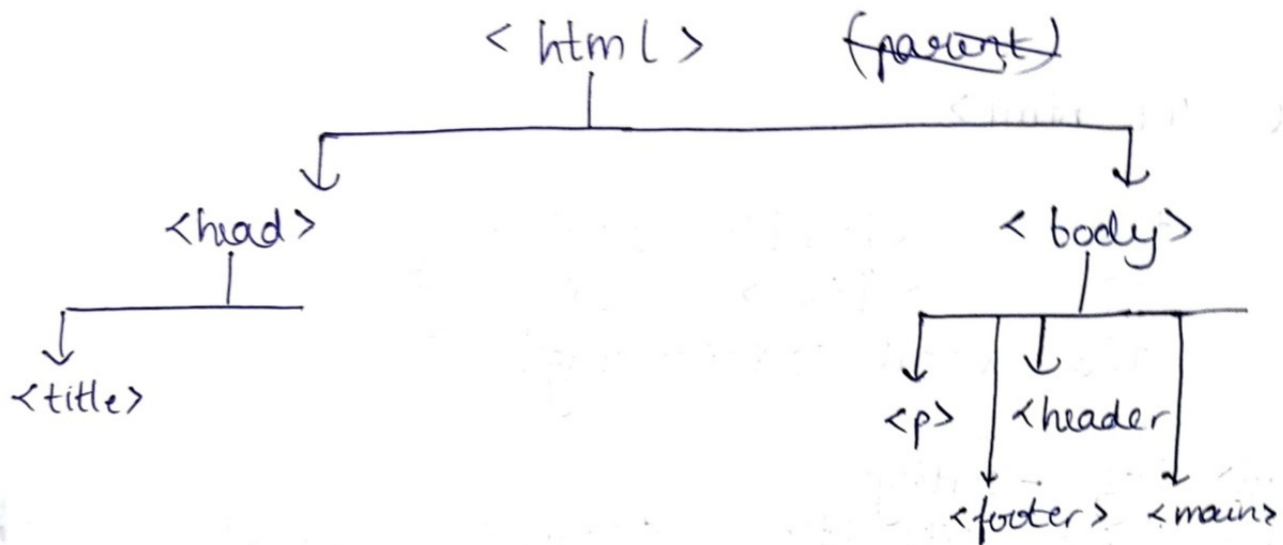
1. `<!DOCTYPE html>`

2. HTML tag :   `<html>` starting tag
                   `</html>` ending tag
   This is the overall container tag.

3. `<head>` tag — settings
   define things like title, description, import resources

4. `<body>` tag : content

5. `<p>` : paragraph tag

6. `<title>` : Title of Website

7. `<meta>` : used to describe
   `<meta name : "     "  content = "     "`
           ↑   ↑
          tag   type of info
                       property

8. `<h1>`
   `<h2>`   } header
     .
     '
     '
     .
   `<h6>`

1

Family terminology

< html > (parent)

< head >

< title >

< body >

< p >   < header

< footer >   < main >

header :   < nav >   < / nav >
navigational links

9. `<b> <b>` - bold
10. `<i> </i>` - italics
11. `<sub>` - subscript
12. `<sup>` - superscript
13. `<small>` - smaller font size
14. `<big>` - larger font size
15. `<hr>` - divider _____
16. `</br>` - leaves a line

COMMENT

1. `<!-- xyz -->`

STYLE & COLOURS

1. `<body style = "background - color : powderblue;" >`
   whole web page becomes blue.

2. `<h2 style =" color : green; ">Style and Colours </h2>`

LINKS

Example:

compulsory
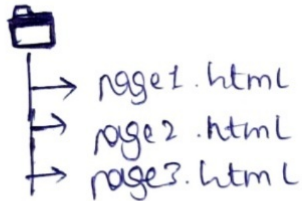↓
`< a href = " http : // www. google. com" target =" blank " >`
`<h1> Google's Homepage <h1> </a>`

used to open
link in
new tab

3

a website has a number of pages.
These pages can be under a given folder /directory


```
<a href = "page2.html "> Page 2 </a>
<a href = "dir1/page3.html"> Page 3 </a>
                ↑
```
if page 3 is in different folder

if image

```
<a href = "cat.jpg "> Cat </a>
```

IMAGE
```
<a href = "(image link)" >  clicking on this give this image
<img src = "          "   alt = "description.." />
              ↑
           address
           for image

</a>
```

if image exists on computer

img src = 'xyz.jpg'

Shape / resize
```
<img width = "600" height = "600" src = "      "  alt =" "/>
                                           ↑
                                        address
```

4

Videos & YouTube iframes

for → `< video src = "          " controls width = "   " height " " >`
local   ↑ link
video   `</video>`

for setting thumbnail use :
          poster = "   "
                      ↑ link

for auto play use autoplay
for looping use loop

⇒ for <u>YouTube video</u>

go to YT
Click on share → embed → copy `<iframe.....></iframe>`

LISTS

<u>Unordered list</u>
↓
`<ul>`
    `<li> xyz  </li>` ← for every item
    `<li> abc  </li>`
`</ul>`

<u>Ordered List</u>

`<ol type = " a/A/1/ i/I/ ">`
    `<li> <a href = " (link)" > Apples </a> <li>`

description list

```
<dl>
    <dt> Apples </dt>
    <dd> -They are ред </dd>
</dl>
```

TABLE

```
<table>
    <tr>   ← table row → horizontal row

         <td >one</ td>←┐ table data
         <td>two</td>
         <td> three </td>


    </tr>


    <tr >
        <td> four :        </td>


        <td>
    </tr>
```

```
<th> - table header
<thead >
    < caption> List of Numbers </caption>
    </thead>
```

6

DIVS & SPANS

* used to wrap elements   eg. <p>

* HTML has 2 ways to display elements
  → block — take up whole page
  → inline — take up only as much space as they need

eg. <href = "#"> link

divs — block elements
Spans — inline elements

INPUTS & FORMS

* form acts as a wrapper for different input tags.

* Input:

< input type = "text" value = " Enter " />
              ↑   ↑
         will create text   will be printed by
         box   default

< input type = " password " / >

when you enter in text box • • • • --- will be seen

date, email, file, checkbox, radio button etc.

iframes

* you can embed a different website on your web page.

```
<iframe src = "      " > </iframe>
                 ↑
               link
                          you can put text here
```

Meta Tags

* used to give information about webpage.

```
<meta    name = " description "   content = " Your Description ">
<meta    name = " author "    content = " Mike ">
<meta    name = " Keywords "   content = " HTML, Tutorials " >
<meta    name = " viewport "   content = " width = device-width,
                                 initial-scale = 1.0 " >
```