WHAT IS A

DOM

@codechips

Art Credit : dylanhashad

@codechips

Cody

popupdev04@gmail.com

Domy found a Document about his Family Members in the loft

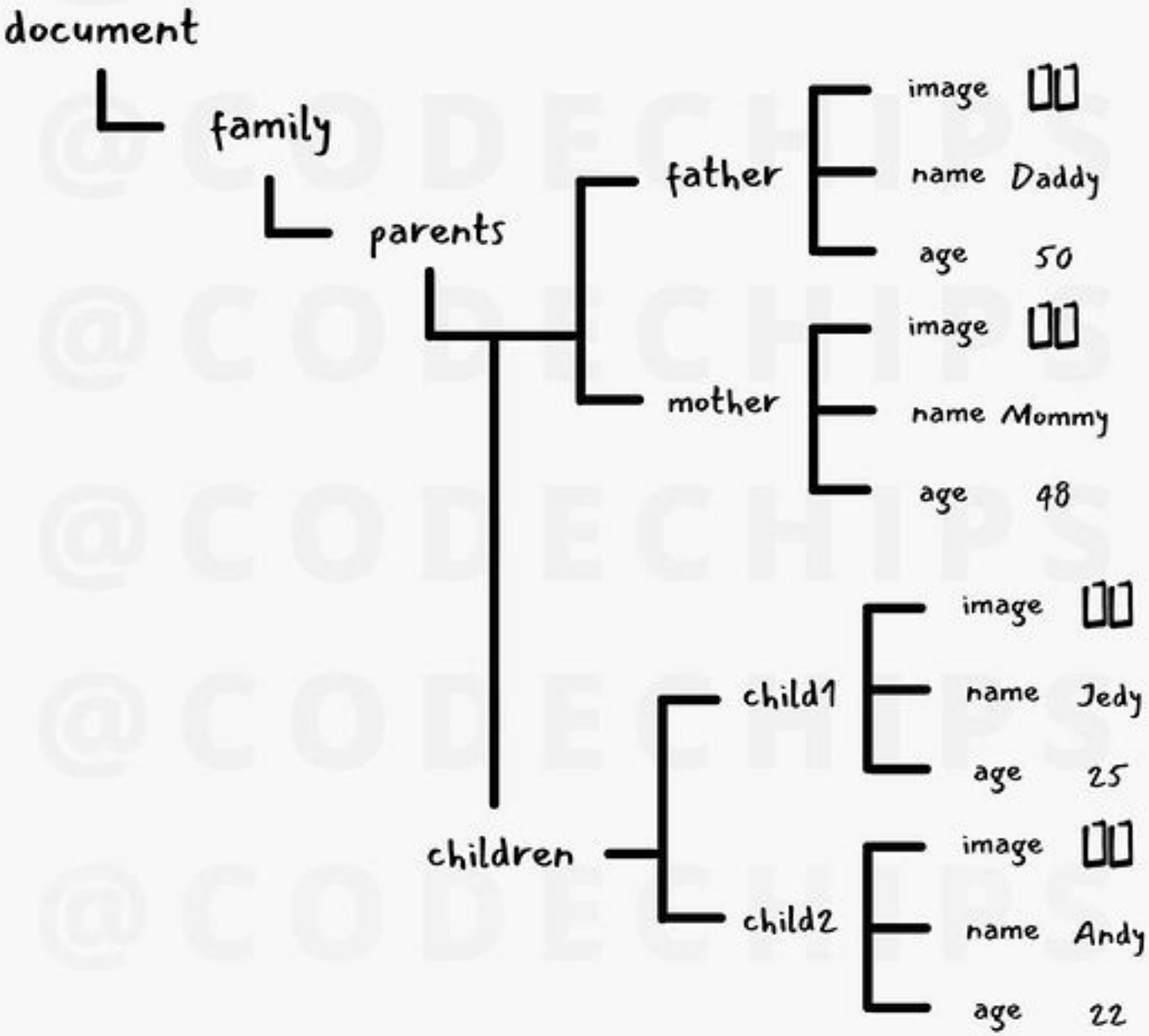
@CODECHIPS

Family document :P

```
<family>
  <parents>
    <father>
      <image>□□</image>
      <name>Daddy</name>
      <age>50</age>
    </father>
    <mother>
      <image>□□</image>
      <name>Mommy</name>
      <age>48</age>
    </mother>
    <children>
      <child1>
        <image>□□</image>
        <name>Jedy</name>
        <age>25</age>
      </child1>
      <child2>
        <image>□□</image>
        <name>Andy</name>
        <age>22</age>
      </child2>
    </children>
  </parents>
</family>
```

@codechips Cody popupdev04@gmail.com

Domy arranged them in a Tree format
for representation and accessibility



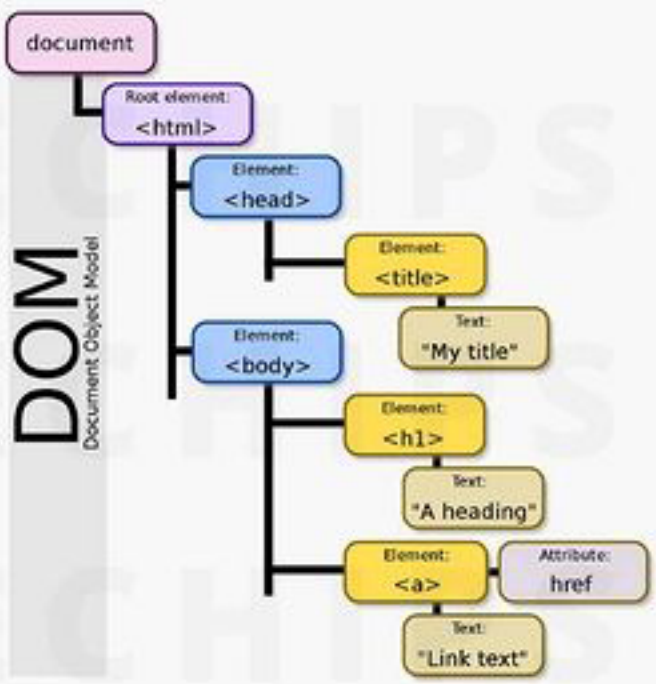
@CODECHIPS

This is the same way **DOM** works in a webpage

The Document Object Model (DOM) is a **programming interface** for HTML and XML documents

It defines the logical structure of documents as a tree-like representation using series of nodes and objects

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Title</title>
  </head>
  <body>
    <h1>A heading</h1>
    <a href="#">Link text</a>
  </body>
</html>
```



How is DOM useful ?

With the Document Object Model, programmers can create and build documents, navigate their structure, and add, modify, or delete elements and content

How it is done ?

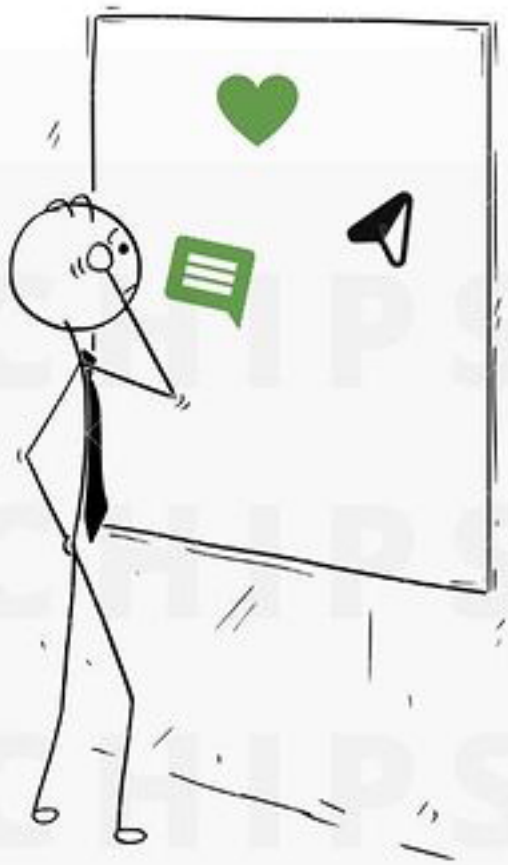
Javascript interprets DOM easily i.e javascript can't understand the tags(<h1></h1>) in HTML document but can understand object h1 in DOM.

Now, Javascript can access each of the objects (h1, p, etc) by using different functions.

@CODECHIPS

few essential DOM methods are

- getElementId
- getElementsByTagName
- Node
- createElement
- appendChild
- removeChild
- getAttribute
- setAttribute
- innerHTML
- document.forms



For Funny Coding Videos, Devlogs

@codechips

Cody

CHECKOUT MY YOUTUBE CHANNEL

LINK IN BIO

Creating 3D Chrome Dino Game in Javascript

Download RAM for FREE works 100%