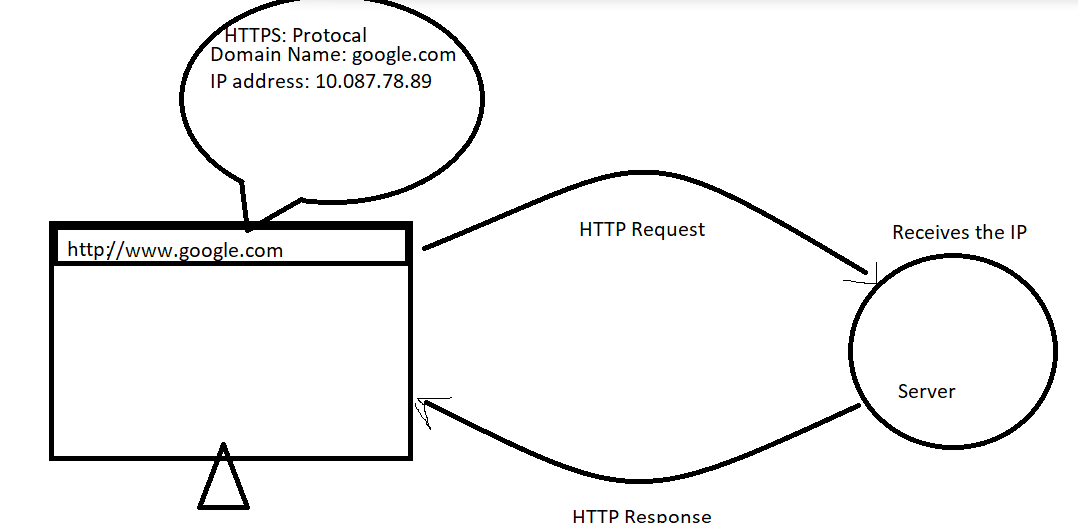
Week 1Assignement.

1. You type a URL in your browser and press Enter
2. Browser looks up IP address for the domain
3. Browser initiates TCP connection with the server
4. Browser sends the HTTP request to the server
5. Server processes request and sends back a response
6. Browser renders the content



c. Rendering engine and its use

1. it a software, it draws the text from HTML and Format as styles mentioned in CSS

2. it parses the HTML and CSS

d. Parsers (HTML, CSS, etc)

1. it means analysing and converting program into internal format.

2. Browser parses HTML into DOM tree

2. involves tokenization and tree construction.

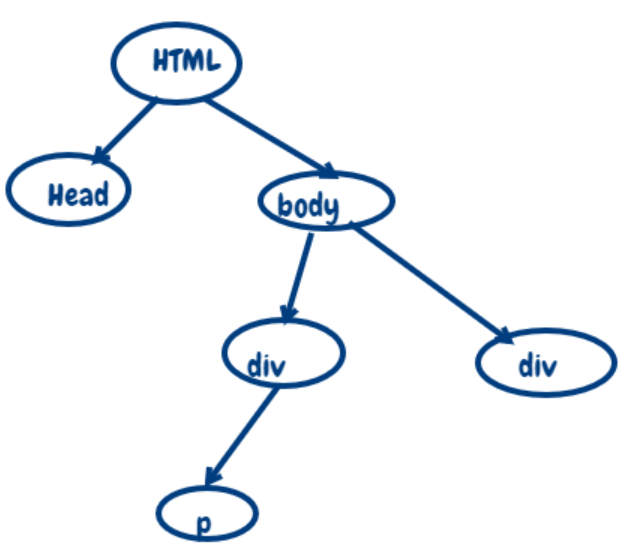
4. when it finds the CSS and it converts into CSSOM where it can able to paint to the browser.

e. Script Processors

f. Tree construction

Example

<HTML><Head></Head><body><div><p></P></div></body></HTML>



g. Order of script processing

1. If we caught the Script tag in the middle of rendering it might cause the delay in downloading.

2.

h. Layout and Painting

1. An HTML layout is a blueprint used to arrange web pages in a well-defined manner. It is easy to navigate, simple to understand and uses HTML tags to customize web design elements. Crucial for any website, an HTML layout that uses the correct format will easily improve a website's appearance.
2. The CSS Paint API is designed to enable developers to programmatically define images which can then be used anywhere a CSS image can be invoked, such as CSS background-image, border-image, mask-image