HOW DOES THE BROWSER ACTUALLY RENDER A WEBSITE

**RENDERING:**

Rendering is a process used in web development that turns website code into the interactive pages users see when they visit a website.

**DOM+CSSOM:**

It combines two object models,styles resolution.This is actual representation of what will show on screen.

**Render Tree :**

Render tree contains only the nodes required to render the page. Layout computes the exact position and size of each object. The last step is paint, which takes in the final render tree and renders the pixels to the screen.

**Layout** :

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.

**Paint:**Browser computes the geometry of the layout and its elements based on the render tree. Browser paints pixel by pixel to create the visual representation we see on the screen.