**How the browser actually renders a website**

1. Parsing and Rendering turn the HTML content into a web page with colors and backgrounds and pictures.
2. HTML Parsing: HTML Text -> Tokenization -> DOM Tree
3. CSS Parsing: CSS Text -> Tokenization -> CSSOM Tree
4. DOM and CSSOM are merged to form a Render Tree
5. Render Tree has all the information required to mark and paint the screen.
6. Render Tree -> Layout -> Paint
7. The layout does the maths for placing the elements
8. Paint paints the elements with colors, backgrounds, shadows, etc.