# **How Does Browser Works**

When we enter the URL in the browser, the browser actually makes request to the server, when server gives the response, the browser render the webpage the way its coded. In between the browser request and final rendering of the webpage we doesn’t know anything that the browser take care.

**High level work flow of Browser**

This is the high level step by step work flow of how browser actually renders website.

Parse HTML

Parse CSS

Render Tree

Layout

Paint

1. First, we parse our CSS and HTML that create a DOM tree.
2. Second the DOM tree then gets converted into a render tree, so the CSS and the HTML Combined.
3. It’s four trees so the layers the lineboxes, the render layers, the render objects, and the render styles.
4. Layout is process where it computes where the elements will appear on the page, based on its relationship to other elements, considering all the CSS.
5. Then painting will produce an image of that layer give us the visual output we are expecting on the page.