When the user enters www.iit.edu in the address bar:

1. The web browser segments the URL to find the protocol, the host, the path and the port.

2. The web browser, via a DNS Lookup command on a DNS server, gets the IP number (IPv4 or IPv6) of the host. Then, a socket is open from the user's computer to the IP number, on the specified port (80 generally).

3. The web browser makes a TCP connection and sends an HTTP GET request to the host. The host forwards the request to the server of IIT. Then, the server inspects the request and launches the server plugin needed to handle the request. After accessing the full request, the plugin gets a HTTP response ready.

4. The response is made out of the elements on IIT database (assuming it is not a static web page), together with other information added by the plugin. We got a HTML text. A HTTP response is then constructed and sent back to the web browser by the plugin.

5. When the web browser receives the response, a DOM tree is built up out of the HTML. New requests are made for every resource in the HTML to assemble up IIT web page (images, JavaScript files, Stylesheets, etc). Every rendering information on the stylesheet is attached to the right node in the DOM tree, DOM nodes are moved, and information style is updated accordingly, JavaScript is executed, and the web browser renders the page.

Source mostly used: https://friendlybit.com/css/rendering-a-web-page-step-by-step/