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- URL → Universal Resource Locator
- Once the URL is being entered a get request is being sent to the URL and the server on the other side returns all of its data.
- DNS figures out which ip address the domain is pointing at.
- HTML contains all the contents of the page as well as links to CSS and JavaScript
- Whenever a HTML document is displayed it creates DOM(document object model)
- Each element (or Tags) of HTML document represents a node in the DOM tree
- Resource is any content found at the end of an URL
- When the document finds an ID it goes through the entire DOM tree until it finds the element that has ID
- Metadata further describes the document and its content in addition to HTML.
- Schema or microformats describe the purpose of specific piece of data
- ARIA (Accessible Rich Internet Application) helps to read out aloud what is happening on the screen
- The main purpose of web accessibility is to make sure the content is accessible regardless of tools that the user uses.
- Three rules for accessibility
 - Make it accessible
 - Make it fancy
 - Make sure accessibility is not breaking after making it fancy.
- 3 tools that developer use:
 - Web browser
 - Code editor
 - Browser developer tool
- BrowserStack to run test for websites
- Anytime any interaction happens in the website that's called an Event.
- Event Handling: First identify the DOM node(or element of HTML)
 - Identify the event that you want to create
 - Create a function that will trigger the event.

a) From this course I learned about how URLs trigger a website. What is DOM tree and how developers create DOM tree. I also learned the difference between HTML, CSS and JavaScript and what is the purpose of each of the languages.

- b) Lot of the information provided in this assignment is mostly general information. I think one of the most important aspects that I learned is about the developer tools and how to use developer tools to navigate DOM and how to troubleshoot JavaScript.
- c) I would definitely recommend this course to anyone who is completely new to web development as this course provides information from the scratch. It will really help anyone to see how a website works but not only from a coding perspective.
- d) It took me one hour to complete the course.