Front-End Web Development ⌃
Average: 93.63% ⌄

How does the web work

The web is like a giant interconnected network of computers, and it's how we access information and services on the internet. Here's a simple explanation of how it works:

1. Websites: A website is a collection of related web pages. Each web page contains different information, like text, images, and videos.

2. Web Browser: To access websites, we use a web browser, like Chrome, Firefox, or Safari. It's a program on our computer or device that lets us view web pages.

3. Web Pages: Web pages are like digital documents. They are written using a special language called HTML, which stands for Hypertext Markup Language. HTML uses tags to structure and format the content on the page.

4. Web Addresses: Every web page has a unique address called a URL, which stands for Uniform Resource Locator. It's like a street address for a web page. We type the URL in the browser's address bar to visit a specific web page.

5. Web Servers: When we visit a website, the web browser sends a request to a web server. A web server is a powerful computer that stores the website's files and sends them back to our browser.

6. Communication: The browser and the server communicate using a language called HTTP, which stands for Hypertext Transfer Protocol. It's a set of rules that allows them to understand each other and exchange information.

7. Rendering: Once the browser receives the web page files from the server, it interprets the HTML code and displays the content on our screen. It also uses CSS (Cascading Style Sheets) to control the appearance and layout of the web page.

8. Clicking Links: Web pages often have clickable links that take us to other web pages. These links allow us to navigate between different websites and explore

websites are stored.

10. Web Search: When we want to find specific information or websites, we can use search engines like Google or Bing. We type in keywords related to what we're looking for, and the search engine shows us a list of relevant web pages.

So, in simple terms, the web is a network of websites that we can access using a web browser. Websites are like digital documents written in HTML, and web servers store and send those files to our browser. We can click on links, search for information, and explore different web pages, all thanks to the interconnected nature of the web.

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