

*How does the web work?

The Web browser connects to the Web server and sends an HTTP request for the desired Web page then the Web server checks for it and send it to the client.

HTTP is the protocol that web browsers and web servers use to communicate with each other over the Internet.

If the URL contains a domain name, the browser first connects to a domain name server and retrieves the corresponding IP address for the web server.

The web browser connects to the web server and sends an HTTP request (via the protocol stack) for the desired web page.

The web server receives the request and checks for the desired page. If the page exists, the web server sends it. If the server cannot find the requested page, it will send an HTTP 404 error message. (404 means 'Page Not Found' as anyone who has surfed the web probably knows.)

The web browser receives the page back and the connection is closed.

The browser then parses through the page and looks for other page elements it needs to complete the web page. These usually include images, applets, etc.

For each element needed, the browser makes additional connections and HTTP requests to the server for each element.

When the browser has finished loading all images, applets, etc. the page will be completely loaded in the browser window.

*What do you need to be a Web developer?

User experience (UX)

User interface (UI)

Visual design

Coding languages including HTML and CSS

Frontend web programming languages and skills such as JavaScript, Ajax and web animation techniques

Backend web programming languages such as C# or Java, PHP and Ruby

*What's the role of a web developer?

*The developer is responsible for designing, coding and modifying websites, from layout to function according to a client's specifications.