Lesson 1: How the web works

*HTTP(S) = Hypertext Transfer Protocol (Secure)*

*The client = Firefox/Chrome/IE/Safari/Facebook App*

Client(Chrome) requests(google.com) from web server

Server responds to client google.com’s HTML

*DNS = Domain name service/server, runs on port 53*

*IP Address = Unique location (phone number) for a client*

Client searches through DNS to get (google.com’s) IP Address, to find who owns the vanity name “google.com”

Private IP (device) -> Public IP (router) -> DNS -> website’s IP -> server -> back

*Frontend = clientside*

*Parsing = process of getting from the code to what the client sees, HTML -> DOM*

*Browsers = make get request from server*

*DOM = Document Object Model*

*Rendering = DOM -> what user sees*