

# Internet Basics

# Objectives

- Understand how the internet works(high level)
- Understand the difference between front-end and back-end
- View the HTML on any given website

# How the Internet Works



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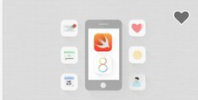
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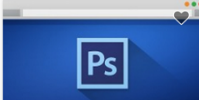
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# Finding the Right Address

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- Your query is submitted to your ISP
- Within your ISP, the DNS takes the Domain name and turns it into an IP address

# Going to that Address


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- A request is sent to the desired IP address via HTTP
- Your request finds the fastest path possible path to the server with the specified IP
- This is not a direct journey. It requires hopping from server to server until we arrive

# Udemy Server Responds

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- The requested server figures out exactly what we're asking for(/courses)
- The server builds us the right content, often pulling information from database
- The server responds with any combination of HTML, CSS, and JavaScript
- And then...



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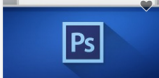


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# View Page Source

- We can view the underlying HTML, CSS, and Javascript on any webpage
- In Chrome, right click and select "View Page Source"
- Or select View > Developer > View Source
- Or use the shortcut COMMAND + OPTION + U