Summary of the episode:

This episode of the App Brewery course on front-end web development explains how the Internet works.

The Internet is a global network of computers connected by wires.

When you type a website address into your browser, your computer sends a request to your ISP (Internet service provider).

The ISP relays the request to a DNS server (domain name system server), which looks up the IP address of the website.

The DNS server sends the IP address back to your browser, which then makes a direct request to the website's server.

The website's server sends the files and data needed to display the website to your browser.

The episode also discusses undersea cables, which connect continents and allow data to be transmitted across the globe.

Key takeaways:

The Internet is a vast network of computers connected by wires.

DNS servers are used to translate domain names into IP addresses.

Undersea cables connect continents and allow data to be transmitted across the globe.

How to use this information to revise:

Review the key takeaways of the episode.

Try to remember the steps involved in loading a website.

Explain how DNS servers work.

Describe the role of undersea cables in the Internet.

Example question:

What happens if a DNS server is unavailable?

Answer:

If a DNS server is unavailable, your computer will not be able to translate domain names into IP addresses. This means that you will not be able to load any websites.