1. **What is a web client?**A client is a device that requests and renders web content
2. **When we type in a URL, the request does not typically go first to the web server where does it go?**  
   DNS server (domain name server)
3. **In response to a web request, all required files are sent at the same time (true or false)**True
4. **[Critical Thinking] Why is it important to understand DNS when helping a client change hosting companies?**If it’s not registered properly, it will be incredibly hard for the site to be found.
5. **What does the author mean when he says HTTP is a stateless protocol?**Because each request is executed independently, without any knowledge of the requests that were executed before it, which means once the transaction ends the connection between the browser and the server is also lost.
6. **[Critical Thinking] What is the purpose of a subdomain?**Allow servers to identify unique sites or unique areas of content.
7. **Which rendering engine is based on WebKit and used under the hood to develop Chrome?**Blink
8. **[Critical Thinking] Why are web standards important to web developers?**Because they ensure the web works equally well for everyone regardless of their location of technology
9. **[Critical Thinking] What is the LAMP stack?**Linux, Apache, MySQL, and PHP
10. **[Critical Thinking] Why is it important to know what stack is being used by your host?**Each server has it’s own distinct stack, which will affect whether or not it works
11. **[True or False] According to our author, front end design is commonly associated with the server.**No
12. **What are the three languages the author associates with front end design?**HTML, CSS, Javascript
13. **[Critical Thinking] Why was HTML5 created?**It retains the backwards-compatibility of previous versions and adds new structural tags that don’t require outside scripting
14. **[Critical Thinking] What does the <head> of an HTML document contain?**Contains info such as the page title, links to CSS, metadata. Etc
15. **[Critical Thinking] What does the term cascade mean?**Styles can fall (or **cascade**) from one style sheet to another, enabling multiple style sheets to be used on one HTML document.
16. **What’s the benefit of using a separate file to store your CSS?**Much easier to organize and keep track of styles without getting them mixed up with HTML.
17. **In CSS, what separates a property from a value?**colon ;
18. **[Critical Thinking] What is the purpose of JavaScript?**It allows you to make web pages interactive
19. **Which 2 types of graphics support transparencies?**PNG, GIF
20. **Which type of image scales without any loss in quality?**PNG