

## Coding for the Web Revision Questions

1. What is HTML? What advantages does it have over a plain-text representation of data? What advantages does it have over binary data representations (PDF, PS, etc).
2. What is CSS? What advantages does CSS offer over including style information directly into the HTML document? Why is it called "cascading" and why is this feature important?
3. What purposes do the HTML tags `<div>` and `<span>` serve?
4. What is JavaScript? What advantages are there to using JavaScript to manipulate a webpage rather than sending all requests to the web server? What problems are there when using JavaScript to manipulate a page?
5. What factors in modern browsers make writing JavaScript difficult?
6. What are the advantages of writing an application as a web application? As a client-side application installed on a user's computer? As a server-side application accessed via a non-web-based client-side application?
7. What advantages does a server-side Java application have over a client-side Java applet? What disadvantages?
5. What is Ajax? Describe, in detail, the technologies and operations used to make an Ajax application. What are the advantages and disadvantages of using Ajax as compared to Adobe Flash, Java Applets, or other interactive client-side runtime environments?