Name: _____

CS 371 Midterm Review

- What is the difference between HTTP and HTML?

- Outline the history of HTML and CSS.

- What key ideas motivated the design and evolution of HTML?

- What key ideas motivated the design and evolution of CSS?

- Be able to list and explain each step in a web transaction. What does the server do? What does the browser do? What messages to they exchange?

- How to web servers handle dynamic content (e.g., PHP)?

- What are all the parts of a URL? What does the browser do with each part? What does the server do with each part?

- How does a browser render an HTML document?

- What types of features are usually implemented on the server side (e.g. php)? What types of features tend are usually implemented on the client side (e.g., JavaScript). How do you decide whether a particular feature should be client-side or server side?

- What is the difference between `GET` and `POST`? Under what circumstances should you use `GET`? Under what circumstances should you use `POST`?

- How does the browser implement `GET`?

- How does the browser implement `POST`?

- How does the server implement `GET`?

- How does the server implement `POST`?

- How does the server pass parameters to a php program?

- What is a DOM?

- How do cookies work? How are they implemented?

- How are sessions implemented?