

CSE 201 Homework #2

1. Chapter 2 discusses various search engine concepts. It covers various methods that could be implemented in to a search engine such as matching and ranking, indexing, the word location trick, ranking and nearness and the Metaword trick. Matching and ranking works by matching a search query with relevant answers. It then ranks the results by relevance. AltaVista was the world's first web-scale matching algorithm used in Google's search engine when it was first founded. Indexing is the most basic method. Indexing is basically having an ordered list and going through its elements one by one until a match occurs.
2. –
3.
 - a. HTML – Hyper Text Markup Language
 - b. In my opinion I think that there are too many factors in play making it difficult to name one browser as the best. Certain browsers are optimized for certain operating systems, some require more or less powerful hardware to achieve the same performance, some are not available on all platforms.
 - c. `<example>contents</example>`
 - i. `<example>` is the opening tag. `</example>` is the closing tag. These together contain the "contents". Look at it like the bounds set on a container.
 - ii. The entire line `<example>contents</example>` is called an element.
 - d. `my favorite course`
 - i. In the "anchor" tag the attribute here is "href" and its value is the URL to the class website
 - e. ``
 - f. Span is inline while div is block.
 - g. ?
 - h. #
 - i. <http://localhost:8000/>
 - i. http:// - Protocol
 - ii. localhost – Host
 - iii. :8000 – Port
 - iv. / - Path
 - j. <http://mycompany.com:80/toys?p=car#red>
 - i. http:// - Protocol
 - ii. mycompany.com – host
 - iii. :80 – port
 - iv. /toys – path
 - v. ?p=car – query p with value car
 - vi. #red – fragment
 - k. HTTPS
 - l. Name: Value
 - m. Content is static if it is a pre-written file that the server returns. Dynamic content is content that is produced only upon request.