**Web Works Part I**

1. **What is HTTP?**

HTTP is the Hypertext Transfer Protocol. It’s used to communicate information between browsers and servers.

1. **What is a URL?**

A URL is a Uniform Resource Locator. This works as an address to a specific resource location.

1. **What is DNS?**

DNS stands for Domain Name System, which is a system that names and stores resources so that computers/networks can use the data.

1. **What is a query string?**

A query string allows you to pass key value pairs into the URL, for additional specificity.

1. **What are two HTTP verbs and how are they different?**

GET: gets specified data from the server.

POST: sends information to be changed on the server.

1. **What is an HTTP request?**

An HTTP request is asking a server for the HTML specified in the HTML protocol.

1. **What is an HTTP response?**

An HTTP response is what the server sends back to an HTML request, also in the HTML protocol.

1. **What is an HTTP header? Give a couple examples of request and response headers you have seen.**

HTTP headers give additional information about a given response or request.

Ex. => Host, Cookie, Accept-Language, Content-Type, Authorization.

1. **What are the processes that happen when you type “http://somesite.com/some/page.html” into a browser?**

First, the browser converts the name into an IP address with DNS. Then, the browser makes a request to that IP for the information specified. The server then responds, the browser creates a DOM from the HTML it received, and finally the server gets any extra resources previously stated.