What is HTTP?

What is a URL?

URL is ‘universal resource locater’ and is used as an address for a website

What is DNS?

Domain name system

What is a query string?

Query string is additional information after the web address you are visiting. It follows a ‘?’ and data is separated with a ‘&’.

What are two HTTP verbs and how are they different?

Get allows you to get information from a webpage with no side effects.

Post allows you to get information from a webpage with side effects, such as sending data to a database.

What is an HTTP request?

It is when you direct your browser to a webpage on a server and the browser makes a request to the server for the webpage.

What is an HTTP response?

Response is the server providing the information requested.

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

It is information that is pasted between the browser and server. A request header will contain the date your browser thinks it is and the language you are requesting. A response header will contain the response status code, along with the date/time the server thinks it is.

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

The browser makes a request to the server for the page.html on somesite.com on port 80. The server processes the request for the page and any additional items that may be included such as images, JavaScript files, etc. and responds back to the browser with the information requested as a webpage.