**How the web works exercises**

In your own words describe the following terms:

1. What is HTTP?: a set of rules that determines how communication between the browser and server should work.
2. What is a URL?: a URL is a uniform resource locator and is used to help request a website from a server.
3. What is DNS?: lets users connect to websites with domain names instead of IP addresses.
4. What is a query string?: a part of the URL that assigns values to parameters.
5. What are two HTTP verbs and how are they different?: GET and POST. GET is a HTTP request that does not impact the server or database. POST request change the data on a server in some type of way.
6. What is an HTTP request?: its when the browser sends a request to a websites server for information on a webpage.
7. What is an HTTP response?: it’s a response of whether the webpage has loaded successfully.
8. What is an HTTP header? Give a couple examples of request and response headers you have seen.: allows additional information about a request or response to be passed. “Accept”, “Content-Type” and “Cookie” are some types of HTTP headers I have seen.
9. What are the processes that happen when you type “<http://somesite.com/some/page.html>” into a browser?:

* The site is turned into an IP address
* Connection is made to the IP address
* A default port is created (Usually 80)
* HTTP protocol is used
* /some/page.html is asked for