**In your own terms, define the following terms:**

**What is HTTP?**

**A protocol for transmitting html content.**

**What is a URL?**

**Universal resource locator. A string whose content contains a host name/address, a port number, a file name**

**What is DNS?**

**Domain Name System: A service that uses a directory in order to convert a host name into its IP address.**

**What is a query string?**

**An appendix attached to a URL, which passes parameters to a host whenever a GET request is being made.**

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

**GET: A type of HTTP request that does not change anything on the server side.**

**POST : A type of HTTP request that changes something on the server side.**

**What is an HTTP request?**

**A message sent to a server, asking it for information stored on it, or asking it to make changes to data stored on it.**

**What is an HTTP response?**

**The message send back from a server in response to a HTTP request.**

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

**A piece of meta data that relates to the body of the request. Eg: accept-language ,method.**

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

* ***The browser searched for the URL locally.***
* ***If not found, a request is made for the local router.***
* ***If still not found, a request is made to a DNS server***
* ***Using the ip address provided by the DNS server, the request is forwarded to the destination host.***
* ***The host return a response to the IP address from which the request came.***