**Unit 14.1 Exercise**

What is HTTP?

* + It is a set of rule that directs how to communicate between browser and web server
* What is a URL?
  + It is for sending a request, for access, to a particular server.
* What is DNS?
  + It serves as a phonebook for web.
* What is a query string?
  + It is a way of passing additional information and it is formed of key value pairs.
* What are two HTTP verbs and how are they different?
  + GET: it requests without side effects and usually arguments are passed along in query selector
  + POST: it requests changes in data server and argument are passed as body of request.
* What is an HTTP request?
  + It is the information sent to a server.
* What is an HTTP response?
  + When the page constructed by sever is ready, it sends a response back to the browser.
* What is an HTTP header? Give a couple examples of request and response headers you have seen.
  + Headers specify if requests worked, or page was moved/redirected, which language is of the content, etc.
    - Request Header : accept-language
    - Response Header : content-type
* What are the processes that happen when you type “<http://somesite.com/some/page.html>” into a browser?
  + The browser converts the website name into ip address and sends http request using DNS. And server sends an http response accordingly.