Internet Development   Name _____
HTTP Protocol
Homework 1 – 10 points

Use Web Sniffer (http://web-sniffer.net) and other on-line resources to answer the following questions.

1. Concerning the URL http://www.harding.edu/comp/ :

    a. (.5 pts) What is the HTTP status code when retrieved?

    b. (.5 pts) What is the content type (MIME type) ?

    c. (.5 pts) When was this web page last modified?

    d. (.5 pts) What web server is this website running?

2. (1 pt) Concerning the URL http://www.harding.edu/comp (No / at the end of the URL). What is the
    HTTP status code when retrieved, and what does the status code mean?

3. (1 pt) Concerning the URL http://warrick.cs.odu.edu/BLAH . What is the HTTP status code when
    retrieved, and what does the status code mean?

4. Concerning the URL http://www.harding.edu/BLAH :

    a. (1 pt) What is the HTTP status code when retrieved?

    b. (1 pt) What is it called when a website returns an HTTP 200 status code for a web page that
        doesn't exist on its site? (Hint: see the Wikipedia article for HTTP 404.)

5. Concerning the URL http://warrick.cs.odu.edu/ :

    a. (1 pt) What web server is this website running?

    b. (1 pt) What is the MIME type of the only image on the page?

    c. (1 pt) What is the difference between retrieving this URL with a GET request vs. a HEAD
        request? (Hint: Look for the "Request type" in Web Sniffer .)

    d. (1 pt) Perform another GET request for the original warrick URL, and then click on the Etag
        value (link). This will cause another GET to be performed using an "If-None-Match" header
        in the GET request. What HTTP status code is returned? What does this mean?