

Assignment #2

Objective: Learn basic information about the HTTP protocol and use a browser's developer tools to inspect HTTP headers.

Use Chrome Developer Tools to obtain snapshots showing the following HTTP Headers data.

1. Two snapshots showing *cookie* and *set_cookie* headers for *google.com.sa*; Name these snapshots as *cookie.png*, *set_cookie.png*. (Note: the *cookie* snapshot must correspond to *set_cookie* and have a later time.)
2. Two snapshots showing HTTP headers corresponding to two HTTP requests for fetching *a specific image from your own course site (and both having the if-modified-since header)*, one snapshot where the image comes from the browser's cache; the other snapshot where the image comes directly from the web server; Name these snapshots as *cached.png*, *uncached.png*.

Reference the four images (and add appropriate captions) in an HTML file named *HW2.htm*, host it on your site and e-mail the corresponding URL to instructor.

Submission Deadline: Sat. Oct. 8, 2016.

Important Note: Make sure that text in the images is clear and readable.

To get a screen-capture of the browser window, follow these steps:

Size Browser Window appropriately → Alt+PrtSc (*image window is now saved to clipboard*)
→ Start MS Paint (**Run mspaint**) and Paste → File Menu/Save As & choose PNG format