

**Assignment #2**

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**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 personal site (and both having the if-modified-since header)*, one snapshot where the image is gotten from the browser's cache; the other snapshot where the image comes directly the web server; Name these snapshots as *cached.png*, *uncached.png*.

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

**Submission Deadline:** Fri. Feb. 13, 2015.

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