# Lab 05

## Exercise

### Question 01

**In caching, what is the difference between the age header and expires?**

Cache-Control header turns on client-side caching and sets the max-age of a resource, the Expires header is used to specify a specific point in time the resource is no longer valid.

### Question 02

**What are the four groupings of HTTP headers?**

Four groupings of HTTP headers

1. General Header
2. Client-request Header
3. Server-response Header
4. Entity Header

### Question 03

Graphical user interface

Description automatically generated

## Activity 01

Graphical user interface, text, application, email

Description automatically generated

**1. Is your browser running HTTP version 1.0 or 1.1? What version of HTTP is the server running?**



**2. What languages (if any) does your browser indicate that it can accept to the server?**



**3. What is the IP address of your computer? Of the gaia.cs.umass.edu server?**



**4. What is the status code returned from the server to your browser?**



**5. When was the HTML file that you are retrieving last modified at the server?**



**6. How many bytes of content are being returned to your browser?**



**7. By inspecting the raw data in the packet content window, do you see any headers within the**

**data that are not displayed in the packet-listing window? If so, name one.**

File Data

## Activity 02

Graphical user interface, application

Description automatically generated

1. What is the server’s response (status code and phrase) in response to the initial HTTP GET message from your browser?

Graphical user interface, text, application

Description automatically generated