

CSCI Test # 2 Review

Dr. Michael Whitney

** Heavily influenced by W3C PHP &
TutorialsPoint PHP Sessions

Expression Language

How to invoke the EL

Scoped Variables / Search Order

Equivalent forms (e.g., expressions, scriptlets, declarations)

JDBC

Process / steps (7) for using JDBC

Statements (e.g., prepared) - what are they and how to write

JQuery

- Why use a CDN?
- Why do // instead of http:// or https://?
- Breaking down a jquery call (basic syntax)
- Be able to do selection by:
 - Id
 - Class
 - tag type
- Be able to write code for
 - Ready event - Also know what its for and why we do it.
 - Event listener - button click
 - Getting DOM val()
 - Getting/Setting DOM html()

HTTP, TCP, UDP

- What is HTTP
- Standard ports
- TCP/UDP at a high level
 - Don't worry about SEQ or ACK just what they allow you to accomplish
 - Why is HTTP TCP

HTTP, TCP, UDP

Typical HTTP Request

- Has
 - Request line
 - Header
 - What is only required header?
 - What does user agent do?
 - What about the others?
 - Optional body
- Methods
 - How do they differ
 - GET
 - POST
 - If you use POST what do you need to also send? What is it representing?
- URL Encoding - What is it?
- General categories of responses
 - 1xx, 2xx, 3xx, 4xx, 5xx
 - What do the 5 most common mean?

AJAX

- Why use AJAX?
- Problems with AJAX requests:
 - Completion - When/Will they?
- Write an AJAX Request
 - GET/POST w/without data
- Short Polling vs long polling
- Promises and callbacks

XML & JSON

- What do they look like?
- Be able to create a simple XML and JSON file from provided data