Tufts University
Department of Computer Science
COMP 20: Web Programming
Fall 2015
Practice Quiz 1. Closed Book.

Quiz 1 will cover the following topics:

- Basic networking
- World Wide Web
- HTTP
- HTML
- HTML5
- Git
- Cascading Style Sheets (CSS)
- Responsive Design
- JavaScript basic data structures including objects and lists (absolutely no need to memorize built-in JavaScript objects such as `Math` or `Date`)
- Assignment 1
- Labs 1 - 4

Types of questions on the quiz will include:

- Multiple choice
- Fill-in-the-blank
- True or false
- Really short answer
- Refactoring or determining what's wrong with sample code

Sample Questions:

1 (2 points each). In CSS, an ID selector uses the ID attribute of an HTML element, and is defined with a _____. A class selector uses the class attribute of the HTML element, and is defined with a _____.

2 (2 points each). In HTML, _____ elements contain an entire large region of text while _____ elements affects a small region of text and must be nested inside a block-level element. The former type of elements typically automatically create new lines.

3 (4 points). Explain the purpose of an HTTP response header. Give two pieces of information that are generally provided in an HTTP response header.

4 (2 points). TRUE or FALSE (circle one): Executing `git push` records changes to a local Git repository.

Answers to Sample Questions:

1. #, .
2. block, inline
3. HTTP response header describes the returned data to client. Pieces of information provided in an HTTP response header include status code, content type, etc.
4. False. `git commit` records changes to a local Git repository.