

IS 5800 – Spring 2010 Final Exam

Complete Question 1 and any other two questions. Label which questions you are answering and assemble your final exam in numerical order. Each question is worth 33% of the total points.

Answer each question clearly and neatly. Type (wordprocess) the answer to each question. Answers to individual questions may be no more than 2 pages each, double spaced with 1" margins. If I cannot read your answer or understand your grammar, or if you provide multiple answers, the answer will be wrong.

You may have notes, books or other reference materials that you desire. However, you must do the exam alone. If you have questions, ask me. I can be reached by email, my office phone (314.516.6281) or by cell phone at 314.591.2442.

This exam is due to me by Wednesday, May 12 by 7:30 pm. Turn in hard copy of the exam -- do not email the exam to me. I will be in my office all day (I will not be in the classroom that evening, but rather in my office); if I have wandered away, you may leave your exam under my door or in my mailbox.

1. Create a webpage that follows the template shown on the next page and the following.
 - Your name should be in 24 pt font using small caps on a stripe of a color different from the background
 - All titles should be in 14 pt font, bold and the same color
 - All text should be in 10 pt font
 - Each category should have a double border around it of the same color as the background for the name (hint: think tables); the boxes in the diagram are about equal in size, but they do not need to be equal for the assignment.
 - You should provide some description and the links from your assignment in the appropriate boxes on the page.
 - You should document the page using javascript (as we discussed in class)
 - Your link to your blog should be "live" using feedburner
 - Use Arial font for all text
 - Change the color of a link after it has been visited
 - Give the page a title.

You may select whatever color you wish for the sections subject to the rules above. Use CSS to minimize the number of styles that you need to make the page.

Type the URL on your exam *and* email it to me.

Your name here

About Me	<i>insert photo here</i>
Professional Interests	Contact Me <i>include:</i> <i>not link to your email</i> <i>link to your LinkedIn Profile</i> <i>link to your Facebook Profile</i> <i>link to your Twitter account</i>
Hobbies and Interests	My Blog <i>includes your blog with the last title of your blog showing</i>

documentation of the page, including:
your name with a link to your home page
your email address (not linked)
the location of the page
the date of the last update
The final two items should be updated automatically

2. It has been estimated that it takes 100 units of energy production to produce 3 units of productive IT. Why is that so? What can be done to reduce the amount of energy production necessary to produce IT?
3. Discuss the differences among open source software licenses (what do they allow, what do they cost, what do they require, etc.).
4. Discuss the relative advantages and disadvantages of outsourcing a company's IT development to China vs. India by contracting with another company in that country. How are these advantages/disadvantages impacted if the company opens an office in

one of these two countries rather than contract with a local company?

5. The goals of information/technology security is confidentiality, integrity and availability of data and systems. Discuss the threats to information and technology security and what needs to be done to protect against those threats.
6. Discuss why reducing information latency (the time between when a business event occurs and when the manager can react to that information) is important and what role data warehouses and business intelligence systems play in reducing latency.