

# CSCI 3500 TEST 2 STUDY GUIDE FALL 2009

## Chapter 10: Text Elements

1. What is the difference between inline elements and block-level elements? Give examples of all of the block-level elements.
2. When and how do you use the **div** element to specify style information? Be able to write the syntax that specifies the appearance of a **div** element whose style is described in the class called whatever.
3. When and how do you use the **span** element to specify style information? Be able to write the syntax that specifies the appearance of a **span** element whose style is described in the class called whatever2 .
4. When and how do you use the **class** selector to specify style information? Be able to write the syntax to specify that a particular element, say **p**, is in a class called abc, and then write the syntax to specify that every **p** element in the class abc has a font color of red.
5. When and how do you use the **id** selector to specify style information? Be able to write the syntax to specify that a particular element, say **p**, has an **id** attribute called abc2, and then write the syntax to specify that every **p** element with the id attribute abc2 has a font color of red.
6. Write the code for an unordered list. What CSS property should you use to change the bullet style?
7. Write the code for an ordered list. What CSS property should you use to change the numbering style?
8. Give the CSS alternative for the following HTML presentational elements:
  - a) b
  - b) i
  - c) s or strike
  - d) u
9. What is the preferred way to change the font face, size, and color?
10. Write “  $a^2 + b^2 + c^2$  ” in (X)HTML.

## Chapter 11: Creating Links

1. Write tags to do the following:
  - a) Create a link to <http://www.lagrange.edu> with the words “LaGrange College” to click on.
  - b) Create a link to <http://www.lagrange.edu> with the image lc.gif to click on and an **alt** attribute.
  - c) Create a link to <http://www.lagrange.edu> with the words “LaGrange College” to click on, displayed in a new window.
  - d) Create a mailto link to friddle@lagrange.edu with the words “E-mail me!” to click on.
  - e) Put the label “Chapter 11” in a fragment named CH11.
  - f) Link to the fragment above from the text “Go to Chapter 11”.
  - g) Link to a stylesheet called mystyle.css.

## Chapter 12: Images and Objects

1. Write tags to do the following:
  - a. Insert an image with URL whatever.gif, alternative text “Whatever you want”, width=640, height=480.
  - b. Insert a Java applet with bytecode in a file called whatever.class with width =640 and height=480.

## Chapter 16: Cascading Style Sheet Fundamentals

1. What is the syntax for specifying a style-sheet rule? What is the syntax when you have multiples to specify?
2. List and describe the three ways of including style information in a document. What are the rules of precedence for these three approaches to defining style? What are the rules of thumb for when you use each approach?

3. Write the syntax to put inline style information in an (X)HTML document to make a particular **h1** have a font color of red.
4. Write the syntax to put embedded style information in an (X)HTML document to make all **h1** tags have a font color of red.
5. Write the syntax needed in an (X)HTML document to refer to style information in an external stylesheet named stylesheet.css. What is contained in the separate file to make all **h1** tags have a font color of red?
6. To what does the term "cascading" refer? Explain the hierarchy of style instructions.
7. Write code to specify that all boldfaced **li** elements are displayed in red.