

Introduction to ITWS

Quiz 1: February 21, 2019

There are 5 questions of multiple parts. Point values and suggested times are indicated

Place your name on the top of the document in the header

Enter your answers directly into this document (with the exception of #2)

All answers should be in be in Your Own Words, and use proper grammar

Make sure your answers use an alternative color – (not Black or Red)

Save this document (or a copy) as *yourname-quiz1.docx* (or doc)

Place all documents including this one in a folder named

ITWSQuiz1-yourname-yourRCSID

When finished with the quiz, zip your folder and all related files into a file named

ITWSQuiz1-yourname-yourRCSID.zip

And submit it to LMS

Make sure your submitted document remains in MS Word format – Pages, GDocs, etc... will not be graded.

Follow all of these instructions or you will lose points

1. Network protocols, HTML & WWW : (20 points, 10 minutes)
 - a. What is DNS and what is it used for? If you have used it, how have you done so? (5 points)
 - b. As discussed in class, and as it pertains to the content of this class, what is a namespace? Why do we use them?? Why? (5 points).
 - c. As discussed in class, name 3 differences between XHTML and HTML4.1, and explain their advantages/disadvantages. Answer in detail. (5 points)
 - d. What is a port and how are they used? Using terminology used in class, how can we describe them? (5 points)

2. HTML & CSS (40 points, 20 minutes)

Instructions to this question are contained in the HTML file in the zip folder you downloaded from LMS.

Quiz 1 - Question 2 - RICHARD PLOTKA

Description

- In earlier assignments, we have worked with HTML, CSS, and XML. For this Quiz, you are going to add some specific styling & modifications to this instructions page. (HINT: For some answers, you may need/want to change the HTML)
- Place this (or a copy of this) html page in a directory named ITWSQuiz1-*yourname-yourRCSID* on your machine. It should be placed in the structure of your site in a logical way - for example, under the iit root.
- For this Quiz - all resources (ie css) may be in the same *folder* as your quiz html file.
- When complete;
 1. Place your Word document, with the answers, into your quiz1 directory.
 2. Zip up your quiz1 directory including all of your quiz work: making sure all resources including your html page, css, and Word file, etc... are included.

40 points

- Create a css file named ITWSQuiz1-*yourname-yourRCSID*.css and add it to your html file in the head section.
- Make the appropriate changes to your html and css files as follows;
 1. Add a title to the page saying: "Intro ITWS - Spring 2019 - Quiz 1"
 2. Make the document 1000 pixels wide, but 3300 pixels high
 3. Add a background to your document of black using hex values
 4. Apply a default font of Montserrat
 5. Using a width percentage, make the the main block comprise 80% of the total document width, floated to the left with nothing allowed to be next to either side.
 6. Place a 2 pixel solid border around the mainblock with a curved corner
 7. Place a margin at the top of 1/2 inch and background of Hex #ffc0cb behind the main block using the rgb value
 8. Make all strong text 20% larger than normal, and emphasized text half of the most intense blue possible
 9. Add your name to the header of the page in small caps and blue
 - You will need to add a selector to the span tag in the HTML as well
 10. Place a line under the section headers
 11. Make sure the background of the sections is white with a red, dashed curved border
 12. make sure the text fits in the inner box with room (ie does not grow out of the box or crash into the border.
 13. Make the "Quiz 1" text red and oblique - this is RPI after all.

Submission

- Zip up your quiz1 folder as described above ...
- Rename it to ITWSQuiz1-*yourname-yourRCSID*.zip
- Submit it to LMS

Rubric/Grading

- 10 Points — Format/Code style
- 30 Points — Style elements (3 points each)

NOTE: You want your css to style this document so that it looks like the [image](#) provided in the zip file

3. Communications and Networks. (20 points, 10 minutes)

- a. Explain in your own words, the difference between a modem, a switch and a router? (4 points)
- b. What is the loopback address and what is it used for (Answer in complete sentences) (4 points)

A loopback address is used to test the communication or transportation on a local network.

- c. In terms of communication channels, what does “channel” mean? (Answer in complete sentences) (6 points)
- d. In the in class communications Exercise, what was the main consideration/challenge that your team encountered, and how did you address it? (Answer in complete sentences) (6 points)

- a. I have a local Git repo called 'Quiz1'. I added a file and edited two others. What steps must I follow to synchronize my local branch into the master trunk? (Answer in complete sentences, include the commands needed) (5 points)

5. “Uber” Case (10 points, 10 minutes)

- a. One attribute of a platform business is that the business “does not own physical assets”. Is this a strength, a weakness, both, or neither of the business model? Why? (5 points)
- b. Why is Uber so focused on ensuring that current laws surrounding the transportation industry, including those governing taxis and private limousines, are not changed and no new laws regulating the industry are created? (5 points)